Form 2557a

C. S.
9-15-50,000

OFFICE OF SUPERINTENDENT

BULLETIN ORDER

File 646-1
X 643

No. 355

Bakersfield, June 14, 1916

To TRAIN & ENGINEMEN

To be posted at BAKERSFIELD-RH-MOJAVE-RH.

Effective at once, Trains 401 and 402 will make regular stop at Saltdale, Cal., for the purpose of handling U.S.Mail, during the life of Time Table No 130.

F.M.Worthington.

11

CC GFR HPT HVP FNM JCM
OF CF TTF.

(Signature)

I hereby acknowledge receipt of Bulletin Order No. ______ *and it was posted at* ______ *M*

______ *191* ___

Signed ______

Dated ______ *191* ___ *Title* ______

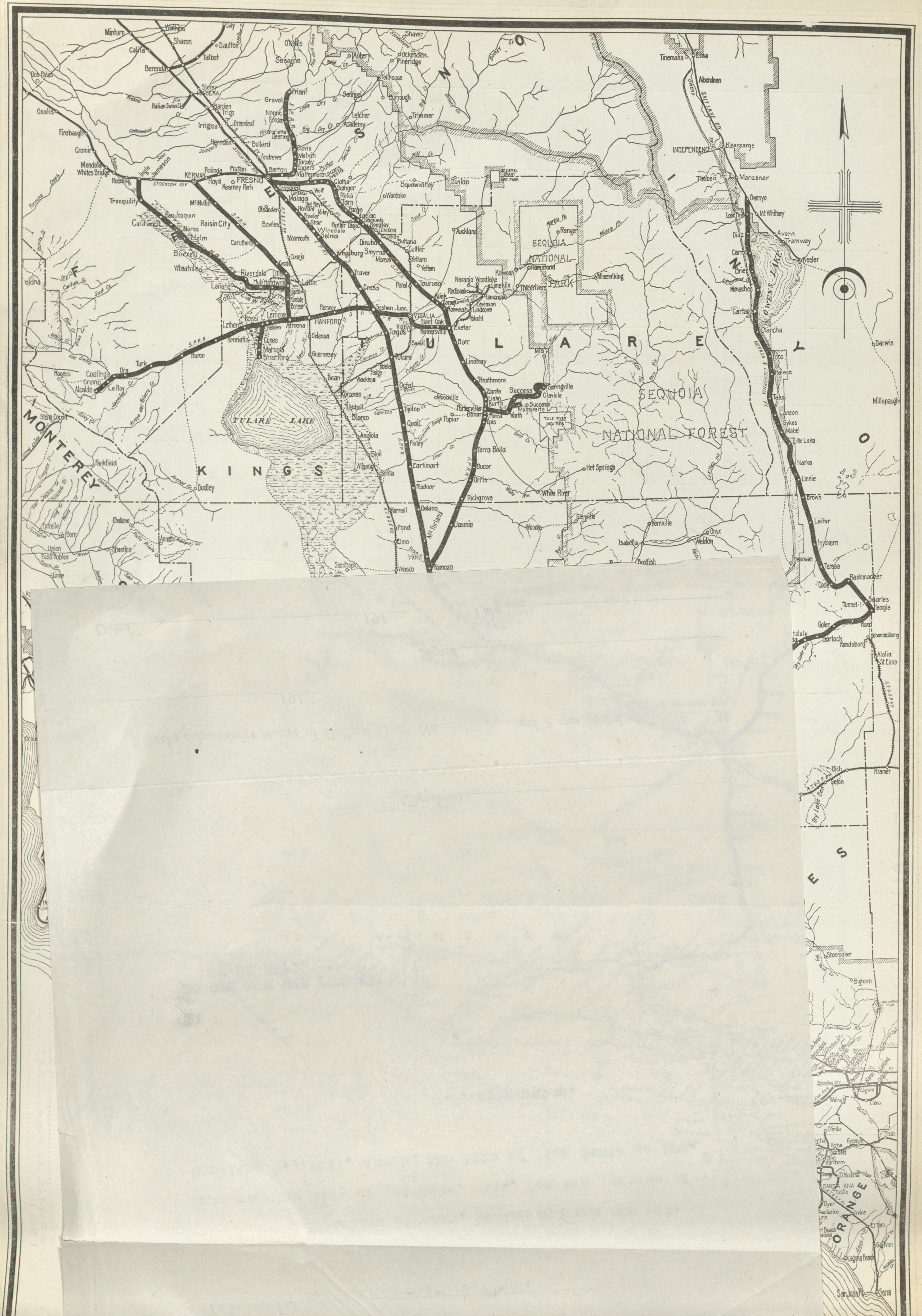
SOUTHERN PACIFIC COMPANY.

Vice-President and General Manager

Superintendent of Transportation

Assistant General Manager

of the public.


F R E S N O
T U L A R E
K I N G S
I N Y O
MONTEREY
ORANGE
TULARE LAKE
SEQUOIA NATIONAL PARK
SEQUOIA NATIONAL FOREST
GENERAL GRANT NAT. PARK
TULE RIVER IND. RES.
OWENS LAKE
FRESNO
VISALIA
HANFORD
MADERA
KERMAN
INDEPENDENCE
SANTA ANA
Coalinga
Selma
Dinuba
Reedley
Sanger
Kingsburg
Tulare
Exeter
Lindsay
Porterville
Delano
Famoso
Corcoran
Lemoore
Riverdale
Laton
Goshen Junc.
Springville
Success
Hot Springs
White River
Kernville
Keeler
Lone Pine
Manzanar
Kearsarge
Olancha
Inyokern
Searles
Randsburg
Johannesburg
Kramer
Mojave
Darwin
Dos Palos
Firebaugh
Mendota
Huron
Parkfield
Paso Robles
Laguna Beach
San Juan Pt.
Serra
S.P.R.R.
A.T.&S.F.RY.
STOCKTON DIV.
SALT LAKE DIV.
NEVADA & CALIFORNIA RY.

SOUTHERN PACIFIC COMPANY.

(PACIFIC SYSTEM.)

130

TIME TABLE

FOR THE

SAN JOAQUIN DIVISION

To Take Effect Sunday, May 28th, 1916, at 12:01 A. M.

PACIFIC STANDARD TIME (120th MERIDIAN)

For the government and information of employes only, and not intended for the use of the public.
The company reserves the right to vary from this time-table at pleasure.

W. R. SCOTT, Vice-President and General Manager	G. F. RICHARDSON, Superintendent of Transportation	H. V. PLATT, Assistant General Manager

FRESNO AND BAKERSFIELD SUBDIVISION

Eastward		FROM SAN FRANCISCO								TOWARD SAN FRANCISCO			Westward
	THIRD CLASS	FIRST CLASS						TIME TABLE No. 130 May 28, 1916		FIRST CLASS			THIRD CLASS
Capacity of passing sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations	238 Fresno Porterville Way Freight	98 Fresno Goshen Junc. Passenger	90 San Francisco Bakersfield Passenger	96 Fresno Porterville Armona Passenger	104 Fresno Famoso Passenger	Distance from San Francisco		STATIONS	Distance from Exeter	93 Porterville Fresno Passenger	95 Coalinga Exeter Fresno Passenger	105 Famoso Fresno Passenger	239 Porterville Fresno Way Freight
	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily					Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday
WFTOP YARD	4.40AM	7.10PM	4.10PM	12.05PM	6.30AM	205.5	DN-R	**FRESNO** 1.5	51.9	s 8.55AM	s11.45AM	s 7.45PM	3.30PM
						207.0		A. T. & S. F. CROSSING 0.1	50.4				
						207.1		BALL (Spur) 0.8	50.3				
						207.9		MARS 0.6	49.5				
	5.00	f 7.22	4.22	f12.17	f 6.42	208.5		BLOSSOMA 0.5	48.9	f 8.43	f11.33	f 7.33	3.10
Y		f		f	f	209.0		LUVITA (Spur) 1.6	48.4	f		f	
		f		f	f	210.6		ESHEL (Spur) 1.2	46.8	f		f	
24	5.10	f **7.28**	4.29	f12.24	f 6.49	211.8		BUTLER 1.2	45.6	f 8.37	f11.25	f **7.28**	2.55
Y		f		f	f	213.0		LOCANS (Spur) 1.5	44.4	f	f	f	
33	5.20	f 7.35	4.35	f12.30	f 6.55	214.5		IVESTA 1.4	42.9	f 8.32	f11.19	f 7.22	2.40
13	5.25	f 7.38	f 4.38	f12.33	f 6.58	215.9		CLOTHO 3.9	41.5	f 8.30	f11.16	f 7.20	2.35
26W	6.00	s 7.50	s 4.48	s12.42	s 7.07	219.8	D	SANGER 0.8	37.6	s 8.23	s11.08	s 7 13	2.20
						220.6		WINE ASS'N (Spur) 0.4	36.8				
						221.0		REKA 1.8	36.4				
	6.10	f 7.57	f 4.54	f12.48	f 7.13	222.8		TARN 2.5	34.6	f 8.15	f10.57	f 7.07	1.40
	6.20	f 8.03	4.59	f12.54	f 7.19	225.3		FARGO 1.8	32.1	f 8.10	f10.51	f 7.02	1.30
						227.1		UVA (Spur) 0.5	30.3				
						227.6		EFCO (Spur) 0.3	29.8				
	6.30	f 8.09	5.06	f 1.00	f 7.25	227.9		LACJAC 0.1	29.5	f 8.04	f10.45	f 6.56	1.20
						228.0		A. T. & S. F. CROSSING 1.1	29.4				
						229.1		SAMUELS (Spur) 0.8	28.3				
55	7.05	s 8.17	s 5.15	s **1.08**	s 7.33	229.9	D	REEDLEY 5.1	27.5	s 7.58	s10.37	s 6.50	**1.08**PM
57W	**7.25** **8.05**	s 8.30	s 5.30	s 1.20	s **7.45**	235.0	D	DINUBA 2.2	22.4	s **7.45**	s10.25	s 6.38	10.45
		f	f	f	f	237.2		SMYRNA 2.4	20.2	f	f	f	
26	8.25	s 8.41	f 5.40	s 1.31	s 7.55	239.6		MONSON 4.0	17.8	s 7.33	s**10.15**	s 6.27	**10.15**
						243.6		A. T. & S. F. CROSSING 2.8	13.8				
27	8.55	f 8.57	5.56	f 1.45	f 8.10	246.4		TAURUSA 2.9	11.0	f 7.19	f10.00	f 6.13	9.40
		f 9.03	f 6.01	f 1.51	f 8.17	249.3		VENICE HILL 0.4	8.1	f 7.13	f 9.54	f 6.08	
	9.20	9.04	**6.07**	1.52	8.18	249.7		KLINK 1.1	7.7	f 7.12	9.53	**6.07**	**9.20**
						250.8		DORSEY (Spur) 1.4	6.6				
		f		f	f	252.2		ROCHE 0.9	5.2	f	f	f	
27	**9.46**	f 9.13	6.17	f 1.59	f 8.25	253.1		CAPLIN 0.9	4.3	f 7.05	f **9.46**	f 5.56	9.05
						254.0		LORT (Spur) 1.1	3.4				
						255.1		MUSK 2.3	2.3				
63WY	10.15AM	s 9.30PM	s 6.28PM	s 2.10PM	s **8.40**AM	257.4	DN-R	**EXETER**	0.0	s 6.55AM	s 9.35AM	s 5.45PM	**8.50**AM
	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(51.9)		Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday
	(5.35)	(2.20)	(2.18)	(2.05)	(2.10)			Time over District		(2.00)	(2.10)	(2.00)	(6.40)
	11.40	22.24	22.56	24.91	23.95			Average speed per hour		25.95	23.95	25.95	7.78

Westward trains are superior to trains of same class in opposite direction.

CORRESPONDENC
SHOULD B

FRESNO AND BAKERSFIELD SUBDIVISION

Eastward	FROM SAN FRANCISCO										TIME TABLE No. 130 May 28, 1916		TOWARD SAN FRANCISCO									Westward
Capacity of passing sidings in car lengths, and location of Scales, Fuel, Water, Turning and Telephone Stations.	THIRD CLASS			FIRST CLASS					Distance from San Francisco		STATIONS	Distance from Famoso	FIRST CLASS						THIRD CLASS			
			238 Fresno Porterville Way Freight	90 San Francisco Bakersfield Passenger	96 Fresno Porterville Passenger	60 Goshen Junc. Springville Passenger	104 Fresno Famoso Passenger	92 Goshen Junc. Porterville Passenger					93 Porterville Fresno Passenger	7 Bakersfield San Francisco Passenger	97 Porterville Armona Passenger	63 Springville Lemoore Passenger	105 Famoso Fresno Passenger	109 Porterville Goshen Junc. Passenger		239 Porterville Fresno Way Freight		
			Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily					Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		Arrive Daily Ex. Sunday		
63 WY			11.15AM	s 6.30PM	s **2.15PM**	s10.20AM	s 8.45AM	**8.15AM**	257.4	DN-R	**EXETER** 3.1	52.4	s 6.50AM	s 9.18AM	**2.10PM**	s 4.40PM	s 5.40PM	s 9.30PM		**8.10AM**		
			11.30	f 6.36	f 2.23	f10.28	f 8.53	f 8.22	260.5		BURR 2.3	49.3	f 6.42	9.10	f 2.00	f 4.32	f 5.33	f 9.22		7.50		
									262.8		VANCE 1.5	47.0										
63			12.15PM	s 6.47	s 2.35	s10.37	s **9.02**	s 8.30	264.3	D	LINDSAY 1.2	45.5	s 6.35	s **9.02**	s 1.53	s 4.25	s 5.26	s 9.15		7.30		
									265.5		WADNA (Spur) 0.3	44.3										
									265.8		STOUT (Spur) 2.6	44.0										
			12.40	s 6.56	s 2.45	s10.46	s 9.12	s 8.39	268.4	D	STRATHMORE 2.5	41.4	s 6.25	s 8.51	s 1.43	s 4.14	s 5.16	s 9.03		6.45		
			12.55	f 7.02	f 2.50	f10.51	f 9.18	f **8.45**	270.9		ZANTE 1.3	38.9	f 6.19	**8.45**	f 1.37	f 4.08	f 5.10	f 8.58		6.30		
					f		f	f	272.2		LISKO (Spur) 1.5	37.6	f		f		f	f				
					f		f	f	273.7		KURTH 1.1	36.1	f		f		f	f				
			1.05	s 7.15	s 3.00	s11.00	s 9.30	s 8.55	274.4		**PORTERVILLE** 0.4	35.4	s 6.10	s 8.37	s 1.30	s 4.00	s 5.00	s 8.50		6.20		
53 WY			**1.15PM**	s 7.20	s 3.05PM	s11.05AM	s 9.35	s 9.00AM	274.8	D-R	**EAST PORTERVILLE** 0.7	35.0	6.00AM	s 8.30	**1.20PM**	s 3.50PM	s 4.53	8.40PM		6.10AM		
									275.5		BONAR (Spur) 1.0	34.3										
				7.24			f 9.39		276.5		PONCA 1.5	33.3		8.25			f 4.48					
				f 7.27			f 9.41		278.0		LOIS 4.6	31.8		f 8.22			f 4.45					
26				s 7.36			s 9.50		282.6	D	TERRA BELLA 4.5	27.2		s 8.13			s 4.36					
				s 7.47			s10.00		287.1	D	DUCOR 2.9	22.7		s 8.03			s 4.27					
26				f 7.55			f10.08		290.0		ORRIS 4.9	19.8		f 7.55			f 4.20					
				f 8.05			f10.19		294.9		RICHGROVE 4.1	14.9		f 7.45			f 4.10					
				f 8.13			f10.28		299.0		JASMIN 10.8	10.8		f 7.35			f 4.02					
91 TW				s 8.35PM			s10.55AM		309.8	DN-R	**FAMOSO**	0.0		s 7.15AM			3.45PM					
			Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(52.4)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		Leave Daily Ex. Sunday		
			(2.00) 8.70	(2.05) 25.15	(0.50) 20.88	(0.45) 23.20	(2.10) 24.18	(0.45) 23.20			............Time over District.............. ....Average speed per hour............		(0.50) 20.88	(2.03) 25.56	(0.50) 20.88	(0.50) 20.88	(1.55) 27.34	(0.50) 20.88		(2.00) 8.70		

Westward trains are superior to trains of same class in opposite direction.

Eastward	FROM SAN FRANCISCO									TIME TABLE No. 130 May 28, 1916		TOWARD SAN FRANCISCO									Westward
Capacity of passing sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations.	FIRST CLASS							Distance from San Francisco		STATIONS	Distance from Springville	FIRST CLASS									
							60 Goshen Junc. Springville Passenger					63 Springville Armona Passenger									
							Leave Daily					Arrive Daily									
53 WY							11.15AM	274.8	D-R	**EAST PORTERVILLE** 3.3	15.9	s 3.25PM									
							f11.27	278.1		ADOBE (Spur) 1.9	12.6	f 3.12									
							f11.36	280.0		WORTH 1.6	10.7	f 3.02									
							f11.43	281.6		MAGNESITE JUNC. (Spur) 0.8	9.1	f 2.55									
30							f11.50	282.4		SUCCESS 5.7	8.3	f 2.50									
							f12.15PM	288.1		CLAVICLE 2.6	2.6	f 2.27									
28 Y							s12.30PM	290.7	R	**SPRINGVILLE**	0.0	2.15PM									
							Arrive Daily			(15.9)		Leave Daily									
							(1.15) 13.04			---------- Time over District ---------- ---------- Average speed per hour ----------		(1.10) 13.62									

Westward trains are superior to trains of the same class in the opposite direction. **Exception. No. 60 is superior to No. 63.**

FRESNO AND BAKERSFIELD SUBDIVISION

Eastward

FROM SAN FRANCISCO

TIME TABLE
No. 130
May 28, 1916

Capacity of passing sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations.	THIRD CLASS				FIRST CLASS								Distance from San Francisco		STATIONS	
	252	212	242	248	26	102	8	90	84	108	82	86				
	Sunset Manifest Freight	Way Freight	Freight	Way Freight	The Owl	Sunset Limited	Fresno Los Angeles Passenger	San Francisco Bakersfield Passenger	San Francisco Bakersfield Passenger	Los Angeles Express	Fresno Coalinga Passenger	Oil Fields Flyer				
	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily				
WFTOPY Yard	2.30PM	6.25AM	6.00AM		11.25PM	10.55PM	6.30PM		3.10PM	8.00AM	6.45AM	6.20AM	205.5	DN-R	**FRESNO**	2.8
										f	f		208.3		CALWA	0.8
	2.50	6.45	6.18		**11.35**	11.05	**6.40**		3.20	8.10	6.55	6.30	209.1		**CALWA TOWER** A. T. & S. F. Crossing	1.3
69	2.53	**6.57**	**6.32**		11.37	11.07	s 6.42		**3.22**	s 8.12	s **6.57**	**6.32**	210.4	D	MALAGA	3.0
													213.4		HOVANT (Spur)	1.7
95	**3.05**	7.30	**7.05**		11.45	**11.15**	s 6.52		3.30	s 8.20	s **7.05**	6.40	215.1	D	FOWLER	1.3
										f	f		216.4		STAR (Spur)	3.2
													219.6		WINEDALE	1.1
140W	**3.40**	**7.50** **9.00**	7.30		11.53	f11.25	s 7.05		s **3.40**	s **8.33**	s 7.18	f 6.50	220.7	DN	SELMA	4.9
67W	4.00	9.45	7.45		11.59	f11.34	s **7.18**		s 3.52	s 8.50	s 7.30	6.58	225.6	D	KINGSBURG	5.7
69	4.15	10.15	**8.13**		12.06AM	11.43	f 7.28		3.59	s 9.00	f 7.40	7.05	231.3		TRAVER	2.4
69	4.20	**10.30**	8.38		12.09	11.46	7.32		4.02	9.03	7.43	7.08	233.7		CROSS	5.4
102WFY	4.45	10.55AM	9.00	**1.55AM**	12.16	s11.57	s **7.42** 7.55		s 4.15	s 9.13 9.25	s **7.55AM**	s 7.17	239.1	DN-R	**GOSHEN JUNC.**	2.1
													241.2		RING	4.4
69	**5.13**		**9.35**	2.15	12.24	12.05AM	f 8.05		4.23	f **9.35**		7.26	245.6		TAGUS	4.1
													249.7		A. T. & S. F. CROSSING	0.3
100W	5.50		**10.10**	**3.31**	12.31	s12.13	s 8.20		s **4.31**	s **9.45**		s **7.37**	250.0	DN	TULARE	1.5
													251.5		BURLING (Spur)	4.3
63	6.10		**10.30**	4.00	12.40	12.23	8.30		**4.41**	f 9.55		**7.48**	255.8		OCTOL	4.6
91W	6.30		11.00	4.45	12.46	12.29	s 8.40		4.47	s**10.05**		7.54	260.4	D	TIPTON	3.3
										f			263.7		QUAIL	3.1
67	6.50		11.25	5.40	12.54	12.37	s 8.52		4.55	s10.16		8.02	266.8	D	PIXLEY	5.6
69	7.03		11.45	**6.05**	**1.06**	12.44	f 9.02		5.02	f10.25		8.10	272.4		EARLIMART	3.4
													275.8		STONE (Spur)	0.7
69	7.14		12.05PM	6.25	1.14	12.49	9.07		5.07	f10.31		8.16	276.5		RADNOR	4.2
93W	7.20		12.35	**6.40** **7.15**	1.20	**12.56**	s **9.18**		5.12	s10.39		f **8.23**	280.7	D	DELANO	6.3
68	7.35		1.05	**8.00**	1.30	1.10	f 9.28		5.21	s10.50		f 8.33	287.0	D	McFARLAND	3.9
													290.9		HUNT (Spur)	1.7
91TW	8.00		**1.53**	**8.42**	1.38	1.19	9.38	s 8.35PM	5.29	s11.03		**8.42**	292.6	DN-R	**FAMOSO**	3.3
68	8.10		**2.15**	9.00	1.42	1.23	9.42	f 8.40	5.33	f11.08		8.47	295.9		PAGE	3.7
													299.6		DOW (Spur)	0.9
90	8.25		2.40	9.15	1.48	1.29	9.48	f **8.52**	5.39	f11.15		8.53	300.5		LERDO	5.3
68	**8.45**		3.00	9.30	1.55	1.36	9.55	f 9.00	5.46	f11.23		9.00	305.8		SACO	2.8
90	**9.04**		**3.17**	9.40	1.59	1.40	9.59	**9.04**	5.50	f11.27		9.04	308.6	D-R	**OIL JUNCTION**	2.5
63	9.25		3.27	9.50	**2.03**	1.44	10.03	9.08	5.54	11.32		9.08	311.1		NOME	0.5
													311.6		BREWERY (Spur)	1.3
Yard WFTYOP	10.00PM		3.40PM	10.10AM	s 2.10AM	s **1.51AM**	s10.10PM	s 9.15PM	s 6.00PM	¶11.39AM		s 9.15AM	312.9	DN-R	**BAKERSFIELD**	
	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(107.4)	
	(7.30) 14.32	(4.30) 10.08	(9.40) 11.11	(8.15) 9.62	(2.45) 39.05	(2.56) 36.61	(3.40) 31.13	(0.40) 30.45	(2.50) 37.90	(3.39) 30.83	(1.10) 28.80	(2.55) 36.82			Time over District Average speed per hour	

Double Track

Automatic Block Signals.

Westward trains are superior to trains of the same class in the opposite direction.

ADDITIONAL STOPS

No. 8 will stop on signal at all stations west of Bakersfield to receive passengers for stations east thereof.

No. 102 will stop on signal at all stations to receive passengers for El Paso or east.

FRESNO AND BAKERSFIELD SUBDIVISION.

TIME TABLE
No. 130
May 28, 1916

TOWARD SAN FRANCISCO

Westward

Double Track (Fresno – Calwa Tower)

Automatic Block Signals

	STATIONS		Distance from Bakersfield	FIRST CLASS								THIRD CLASS			
				25	49	101	7	51	107	89	87	247	241	213	251
				The Owl	San Joaquin Valley Flyer	Sunset Limited	Bakersfield San Francisco Passenger	Bakersfield San Francisco Passenger	Fresno Express	Coalinga Fresno Passenger	Oilfields Flyer	Way Freight	Freight	Way Freight	Sunset Manifest Freight
				Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily
DN-R	**FRESNO**	2.8	107.4	s 2.40AM	s 4.50AM	s 9.03AM	s11.45AM	s 4.08PM	s 6.45PM	s 8.45PM	s11.45PM		3.15PM	3.57PM	9.00PM
	CALWA	0.8	104.6							f					
	CALWA TOWER A. T. & S. F. Crossing	1.3	103.8	2.32	4.40	8.53	**11.30**	3.58	**6.35**	8.35	**11.28**		**2.45**	3.30	8.43
D	MALAGA	3.0	102.5	2.30	4.38	f 8.51	s11.27	3.56	s 6.32	f **8.33**	11.25		2.35	**3.22**	**8.33**
	HOVANT (Spur)	1.7	99.5												
D	FOWLER	1.3	97.8	2.22	4.30	s 8.43	s11.15	s 3.48	s 6.22	s 8.25	f**11.15**		2.10	**3.05**	8.00
	STAR (Spur)	3.2	96.5						f	f					
	WINEDALE	1.1	93.3												
DN	SELMA	4.9	92.2	2.14	4.21	s **8.33**	s11.02	s **3.40**	s 6.10	s 8.17	f11.00		1.40	2.15	7.45
D	KINGSBURG	5.7	87.3	2.08	4.13	s 8.22	s10.47	s 3.29	s 6.00	s 8.08	f10.51		**1.15**	**1.15**	**7.18**
	TRAVER	2.4	81.6	2.01	4.05	**8.13**	f10.34	3.20	s 5.50	f 7.59	10.43		12.50	12.30	6.50
	CROSS	5.4	79.2	1.58	4.02	8.08	**10.30**	3.17	5.45	7.55	10.40		12.40	12.20	6.40
DN-R	**GOSHEN JUNC.**	2.1	73.8	**1.51**	s 3.53	s **8.00**	s10.20AM	s 3.10	s 5.35 5.25	s **7.45PM**	s10.30	11.00AM	12.15PM	12.01PM	6.10
	RING	4.4	71.7												
	TAGUS	4.1	67.3	1.43	3.39	7.45	(Runs via Porterville)	2.59	f **5.13**		10.18	10.30	11.15		**5.13**
	A. T. & S. F. CROSSING	0.3	63.2												
DN	TULARE	1.5	62.9	1.36	s **3.31**	s **7.37**		s 2.51	s 5.03		s10.10	**10.10** **8.00**	11.00		**4.31**
	BURLING (Spur)	4.3	61.4												
	OCTOL	4.6	57.1	1.27	3.19	7.25		2.41	f **4.41**		10.00	**7.48**	**10.30**		4.10
D	TIPTON	3.3	52.5	1.21	3.12	s **7.19**		f 2.35	s 4.35		9.54	**7.19**	**10.05**		3.55
	QUAIL	3.1	49.2						f						
D	PIXLEY	5.6	46.1	1.13	3.04	s 7.08		2.26	s 4.25		9.45	6.35	9.30		3.30
	EARLIMART	3.4	40.5	**1.06**	2.56	f 7.00		2.19	f 4.14		9.36	**6.05**	9.10		3.16
	STONE (Spur)	0.7	37.1												
	RADNOR	4.2	36.4	1.01	2.51	6.54		2.14	f 4.07		9.30	5.45	8.50		3.05
D	DELANO	6.3	32.2	**12.56**	2.45	s **6.49**		f 2.09	s 4.01		f **9.18**	5.30	**8.23**		2.55
D	McFARLAND	3.9	25.9	12.45	2.36	s 6.39		s 2.00	s 3.50		f 9.09	4.50	**8.00**		2.40
	HUNT (Spur)	1.7	22 0												
DN-R	**FAMOSO**	3.3	20.3	12.38	2.29	6.32	s 7.15AM	f **1.53**	s **3.41**		9.02	4.10	7.35		2.25
	PAGE	3.7	17.0	12.34	2.25	6.28	f 7.10	1.48	f 3.35		8.58	3.55	7.23		**2.15**
	DOW (Spur)	0.9	13.3												
	LERDO	5.3	12.4	12.28	2.19	6.22	f **7.03**	**1.42**	f 3.29		**8.52**	3.42	**7.03**		**1.42**
	SACO	2.8	7.1	12.21	2.12	6.15	6.55	1.35	f 3.21		**8.45**	3.27	6.38		1.17
D-R	**OIL JUNCTION**	2.5	4.3	12.17	2.08	6.11	f 6.51	1.31	f **3.17**		8.41	3.20	6.30		1.10
	NOME	0.5	1.8	12.13	**2.03**	6.07	**6.47**	1.27	3.12		8.37	3.12	6.20		1.02
	BREWERY (Spur)	1.3	1.3												
DN-R	**BAKERSFIELD** (107.4)		0.0	12.06AM	**1.51AM**	6.00AM	6.40AM	1.20PM	3.05PM		8.30PM	3.00AM	6.05AM		12.50PM
				Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Daily Ex. Sunday	Leave Daily
	Time over District			(2.34)	(2.59)	(3.03)	(2.00)	(2.48)	(3.40)	(1.00)	(3.15)	(8.00)	(9.10)	(3.56)	(8.10)
	Average speed per hour			41.84	36.00	35.21	26.95	38.35	30.84	33.60	33.04	12.65	11.29	10.83	13.15

Westward trains are superior to trains of the same class in the opposite direction.

ADDITIONAL STOPS.

No. 7 will stop on signal at all stations west of Bakersfield to discharge passengers from stations east thereof.

BAKERSFIELD AND MOJAVE SUBDIVISION

Eastward

FROM SAN FRANCISCO

TIME TABLE
No. 130

May 28, 1916

Capacity of passing sidings in car lengths and location of Scales, Fuel, Water, Turning, and Telephone Stations.	THIRD CLASS					SECOND CLASS		FIRST CLASS								Distance from San Francisco	STATIONS
	334	**340**	**342**	**338**	**252**	**308**	**306**	**8**	**122**	**108**	**114**	**112**	**26**	**102**	**116**		
	Santa Fe Freight	Freight	Way Freight	Freight	Sunset Manifest Freight	Bakersfield McKittrick Mixed	Bakersfield Olig Mixed	Fresno Los Angeles Passenger	Santa Fe Overland Express	Los Angeles Express	Santa Fe California Limited	Santa Fe Tourist Express	The Owl	Sunset Limited	Santa Fe The Angel		
	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Sunday Only	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		
WFTYOP Yard			7.20AM	3.05AM	**12.10AM**	8.15AM	7.30AM	10.25PM		12.01PM			2.17AM	2.00AM		312.9	DN-R **BAKERSFIELD** 0.7
P	5.05PM	10.35AM	7.25	3.10	12.15	8.20AM	7.35AM	10.28	6.33PM	12.04	10.09AM	8.30AM	2.20	2.03	12.10AM	313.6	DN-R **KERN JUNC.** 3.4
71 P	5.15	10.45	7.35	3.20	12.25			10.33	6.38	12.08	10.14	8.35	2.25	2.08	12.15	317.0	MAGUNDEN 3.1
67 P	5.25	10.55	**7.55**	3.30	12.35			s10.40	6.42	s12.14	10.19	8.40	2.30	2.13	12.20	320.1	DN EDISON 4.9
59 P	5.40	11.10	8.10	3.45	12.50			f10.53	6.50	f12.23	10.27	8.48	2.38	2.22	12.27	325.0	N SIVERT 2.9
67 PW	5.47	11.17	8.20	3.52	**1.02**			f10.59	6.55	f12.28	10.32	8.53	2.43	2.26	12.32	327.9	D BENA 3.4
64 P	5.55	11.25	8.30	4.00	**1.15**			11.05	**7.01**	12.34	10.38	8.59	2.49	2.31	12.38	331.3	ILMON 3.9
East 64 West 69 PW	6.25	11.55	**9.10**	4.28	1.45			s**11.22**	s 7.14	s**12.44**	s10.50	s **9.10**	2.58	2.39	**12.46**	335.2	DN CALIENTE 3.0
66 P	**6.40**	12.10PM	9.25	**4.43**	2.00			11.40	7.23	12.55	10.59	9.20	3.06	2.48	**12.56**	338.2	ALLARD 2.3
61 Middle 44 PW	6.55	**12.25**	9.40	4.58	2.15			11.52	7.31	f 1.05	11.07	9.30	3.13	2.55	1.03	340.5	DN BEALVILLE 1.8
23 P	7.05	12.35	9.50	5.08	2.25			12.01AM	7.37	1.11	11.14	9.38	3.18	3.00	1.08	342.3	CLIFF 3.2
East 61 M23 West 63 P	7.25	1.00	10.10	5.30	2.48			**12.16**	7.49	f 1.23	11.25	9.51	3.28	3.09	1.18	345.5	DN ROWEN 2.2
																347.7	TAMAR (Spur) 1.1
64 PW House 62	**8.00**	**1.35**	10.40	6.05	**3.23**			s**12.30**	**8.00**	s **1.35**	11.38	10.03	3.43	**3.23**	1.28	348.8	DN WOODFORD 3.0
60 P	8.20	1.55	11.00	6.25	3.41			12.50	8.10	1.50	**11.50**	10.15	3.53	3.33	1.38	351.8	WALONG 2.3
70 Middle 38 PW	8.35	2.10	11.15	**6.40**	**4.01**			1.00	8.17	f 2.00	11.58	10.25	**4.01**	3.41	1.45	354.1	DN MARCEL 0.8
																354.9	SEDWELL (Spur) 1.8
64 P	8.50	2.25	**11.32**	6.55	4.16			1.10	8.25	f 2.08	12.07PM	10.35	4.10	**3.50**	1.53	356.7	CABLE 3.9
157 PW	**9.20**	2.50	**12.24PM**	**7.30**	5.00			s 1.30	s 8.41	s 2.23	s**12.24**	s10.55	4.25	f 4.01	2.04	360.6	DN-R **TEHACHAPI** 1.8
110 PY	9.40	3.30	**12.58**	8.00	5.30			1.35	8.46	2.26	12.28	11.00	**4.30**	4.05	2.08	362.4	SUMMIT 2.0
																364.4	SULLIVAN (Spur) 0.6
								f 1.40		f 2.30						365.0	MONOLITH 2.1
64 P	**10.16**	3.45	**1.40**	8.30	**6.09**			1.45	**8.53**	2.35	12.35	**11.10**	4.37	**4.12**	2.14	367.1	PROCTOR 0.9
YP																368.0	ERIC (Wye) 1.9
86 PW	10.30	4.00	2.00	8.50	6.20			1.50	8.57	f 2.40	**12.43**	11.15	4.43	4.16	2.18	369.9	DN CAMERON 2.8
65 P	10.45	4.15	2.15	9.05	**6.35**			1.55	9.02	2.45	12.50	11.20	4.48	4.21	2.22	372.7	DN LAROSE 2.7
57 P	**11.07**	4.30	2.30	9.25	6.50			2.00	9.07	f 2.50	**12.55**	11.25	4.53	4.26	2.26	375.4	DN WARREN 2.4
64 P	**11.20**	**4.50**	**2.55**	9.40	7.05			2.05	9.12	**2.55**	1.00	11.30	4.58	4.31	**2.31**	377.8	DN FRAM 1.3
																379.1	RESERVOIR (Spur) 0.4
																379.5	SAGE (Spur) 1.2
Yard WFTYOP	11.55PM	5.30PM	3.20PM	9.55AM	7.25AM			s **2.15AM**	s 9.17PM	s 3.00PM	s 1.05PM	s11.35AM	s 5.05AM	s 4.37AM	s 2.40AM	380.7	DN-R **MOJAVE**
	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Sunday Only	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		(67.8)
	(6.50) 9.81	(6.50) 9.81	(7.55) 8.56	(6.50) 9.92	(7.15) 9.30	(0.05) 8.40	(0.05) 8.40	(3.50) 17.68	(2.44) 24.54	(2.59) 22.72	(2.56) 22.87	(3.05) 21.76	(2.48) 24.21	(2.37) 25.91	(2.30) 26.84		Time over District Average speed per hour

Automatic Block Signals

Westward trains are superior to trains of the same class in the opposite direction.

A third class or extra train meeting a third class or extra train at Tehachapi under time table or train order superiority will consider the cut off switch directly in front of the telegraph office the point at which the inferior train will take siding.

ADDITIONAL STOPS

No. 102 will stop on signal at all stations to receive passengers for El Paso or east.

TIME TABLE
No. 130
May 28, 1916

TOWARD SAN FRANCISCO
Westward

Automatic Block Signals

STATIONS	Distance from Mojave	FIRST CLASS								SECOND CLASS		THIRD CLASS			
		101 Sunset Limited	117 Santa Fe Mail and Express	113 Santa Fe California Limited	107 Fresno Express	121 Santa Fe Passenger	25 The Owl	115 Santa Fe The Saint	49 San Joaquin Valley Flyer	307 Olig Bakersfield Mixed	309 McKittrick Bakersfield Mixed	341 Way Freight	251 Sunset Manifest Freight	253 Freight	333 Santa Fe Freight
		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Sunday Only	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
DN-R **BAKERSFIELD** 0.7	67.8	¶ 5.35AM			s 2.55PM		s**12.01**AM		s 1.45AM	s 4.00PM	s 2.45PM				
DN-R **KERN JUNC.** 3.4	67.1	5.31	8.07AM	1.20PM	2.52	7.33PM	11.58	1.25AM	1.41	3.45PM	2.40PM				
MAGUNDEN 3.1	63.7	5.26	8.00	1.15	2.47	7.27	11.53	1.19	1.36						
DN EDISON 4.9	60.6	s 5.21	**7.55**	1.10	s 2.42	7.22	11.49	1.14	1.31						
N SIVERT 2.9	55.7	5.13	7.47	1.04	f 2.35	7.14	11.43	1.07	1.25						
D BENA 3.4	52.8	5.08	7.41	12.59	f 2.30	7.08	11.38	**1.02**	1.20						
ILMON 3.9	49.4	5.01	7.35	12.53	2.24	**7.01**	11.32	12.56	**1.15**						
DN CALIENTE 3.0	45.5	s 4.52	s 7.25	s**12.44**	s 2.15	s 6.48	**11.22**	**12.46**	1.06						
ALLARD 2.3	42.5	**4.43**	7.17	12.30	2.07	**6.40**	11.15	12.37	**12.56**						
DN BEALVILLE 1.8	40.2	f 4.38	7.12	**12.25**	s 2.01	6.34	11.10	12.32	12.51						
CLIFF 3.2	38.4	4.33	7.07	12.20	1.54	6.28	11.06	12.25	12.47						
DN ROWEN 2.2	35.2	4.26	7.00	12.10	f 1.45	6.20	10.59	**12.16**	12.40						
TAMAR (Spur) 1.1	33.0														
DN WOODFORD 3.0	31.9	s 4.17	6.52	12.01PM	s **1.35**	6.10	10.51	12.08	**12.30**						
WALONG 2.3	28.9	4.10	6.46	**11.50**	1.28	6.03	10.45	12.02AM	12.22						
DN MARCEL 0.8	26.6	4.01	**6.40**	11.39	f 1.22	5.57	10.40	11.57	12.17						
SEDWELL (Spur) 1.8	25.8														
CABLE 3.9	24.0	**3.50**	6.33	**11.32**	f 1.15	5.50	10.34	11.50	12.08AM						
DN-R **TEHACHAPI** 1.8	20.1	s 3.35	s 6.23	s11.23	s 1.06	s 5.40	10.25	11.41	f11.59			4.40AM	**7.30**AM	2.10PM	**9.18**PM
SUMMIT 2.0	18.3	3.23	6.17	11.17	**12.58**	5.33	10.22	11.37	11.55			**4.30**	7.20	2.00	9.08
SULLIVAN (Spur) 0.6	16.3														
MONOLITH 2.1	15.7	f 3.15			f12.54							4.18			
PROCTOR 0.9	13.6	3.11	**6.09**	**11.10**	12.50	5.26	**10.16**	11.30	11.49			**4.12**	7.05	**1.40**	**8.53**
ERIC (Wye) 1.9	12.7														
DN CAMERON 2.8	10.8	f 3.05	6.03	11.04	f**12.43**	5.20	10.11	11.24	11.43			3.59	6.50	1.25	8.40
DN LAROSE 2.7	8.0	2.55	5.54	10.57	12.34	5.10	10.04	11.16	11.36			3.45	**6.35**	1.10	8.25
DN WARREN 2.4	5.3	2.45	5.45	10.49	f12.25	5.00	9.56	**11.07**	11.28			3.30	6.20	**12.55**	8.10
DN FRAM 1.3	2.9	**2.31**	5.35	10.40	12.15	**4.50**	9.47	10.59	**11.20**			3.15	6.05	12.40	7.55
RESERVOIR (Spur) 0.4	1.6														
SAGE (Spur) 1.2	1.2														
DN-R **MOJAVE**	0.0	2.20AM	5.25AM	10.30AM	¶ 12.05PM	4.40PM	9.38PM	10.50PM	11.10PM			2.55AM	5.45AM	12.20PM	7.35PM
(67.8)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Sunday Only	Leave Daily	Leave Daily	Leave Daily	Leave Daily
Time over District		(3.15)	(2.42)	(2.50)	(2.50)	(2.53)	(2.23)	(2.35)	(2.35)	(0.05)	(0.05)	(1.45)	(1.45)	(1.50)	(1.43)
Average speed per hour		20.86	24.85	23.68	23.92	23.27	28.44	25.97	26.24	8.40	8.40	11.48	11.48	10.96	11.70

Westward trains are superior to trains of the same class in the opposite direction.

A third class or extra train meeting a third class or extra train at Tehachapi under time table or train order superiority will consider the cut off switch directly in front of the telegraph office the point at which the inferior train will take siding.

Eastward	FROM SAN FRANCISCO							TIME TABLE No. 130 May 28, 1916		TOWARD SAN FRANCISCO					Westward
Capacity of passing sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations.	THIRD CLASS		FIRST CLASS				Distance from San Francisco		Distance from Saugus	FIRST CLASS				THIRD CLASS	
	252 Sunset Manifest Freight	264 Way Freight	108 Los Angeles Express	26 The Owl	102 Sunset Limited	8 Fresno Los Angeles Passenger				107 Fresno Express	25 The Owl	49 San Joaquin Valley Flyer	101 Sunset Limited	251 Sunset Manifest Freight	263 Way Freight
	Leave Daily	Leave Daily Ex. Monday	Leave Daily	Leave Daily	Leave Daily	Leave Daily		STATIONS		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Except Monday
Yard WFTOPY	8.30AM	3.00AM	3.10PM	5.15AM	**4.47AM**	2.30AM	380.7	DN-R **MOJAVE** 4.1	69.9	¶ 11.45AM	s 9.30PM	s11.00PM	s 2.10AM	**4.42AM**	12.35PM
			f				384.8	FLETA 2.5	65.8	f					
64	8.50	3.25	f 3.20	5.25	4.57	2.45	387.3	GLOSTER 7.0	63.3	f11.30	9.15	10.46	1.57	4.15	11.50
64 P	9.10	**3.55**	s 3.30	5.35	5.08	f 3.00	394.3	D ROSAMOND 5.6	56.3	s**11.16**	9.03	10.34	f 1.45	**3.55**	**11.16**
64 W	9.25	4.15	f 3.38	5.43	5.16	3.10	399.9	OBAN 5.6	50.7	f11.08	8.56	10.27	1.38	3.40	10.30
83 W	**9.55**	5.00	s 3.50	5.50	s 5.24	s **3.25**	405.5	DN-R LANCASTER 4.3	45.1	s11.00	8.49	f10.20	s 1.30	**3.25**	**9.55**
64	10.15	**5.31**	f 3.57	5.57	**5.31**	3.35	409.8	DENIS 4.0	40.8	f10.53	8.43	10.14	1.20	3.04	9.15
64 WFY	**10.47**	**6.03**	s 4.07	**6.03**	5.37	s 3.50	413.8	DN-R PALMDALE 2.5	36.8	s**10.47**	8.38	f10.09	s 1.15	2.56	9.00
64	11.10	6.35	f 4.14	6.09	5.42	3.58	416.3	HAROLD 4.2	34.3	f10.41	8.34	10.03	1.07	2.47	8.25
64 PY	11.50	7.10	f 4.28	6.25	5.57	4.20	420.5	VINCENT 4.5	30.1	f10.34	8.26	9.55	1.00	2.33	8.00
64	12.10PM	**7.30**	4.37	6.34	6.07	4.30	425.0	BERLIN 1.1	25.6	10.17	8.11	9.41	12.46	2.00	**7.30**
	12.15	7.40	s 4.40	6.37	6.10	f 4.35	426.1	D ACTON 2.9	24.5	s10.13	8.08	9.38	f12.43	1.55	7.10
78 WP	12.50	8.15	s 4.48	**6.43**	6.16	s 4.45	429.0	DN RAVENNA 5.6	21 6	s10.05	8.00	9.31	f12.35	1.45	**6.43** **6.11**
63	1.15	8.40	f 5.00	6.55	6.28	5.00	434.6	RUSS 1.4	16.0	f 9.46	7.44	9.16	12.18	1.15	5.40
							436.0	ALPINE (Spur) 2.8	14.6						
67 W	1.40	**9.35**	s 5.10	7.05	6.38	f **5.10**	438.8	DN LANG 4.3	11.8	s **9.35**	7.35	9.06	f12.08AM	12.55	**5.10**
61	1.55	9.55	f 5.19	7.14	6.47	f 5.20	443.1	HUMPHREYS 3.8	7.5	f 9.25	7.26	8.56	f11.58	12.30	4.25
64	2.10	10.20	f 5.26	7.22	6.55	f 5.30	446.9	HONBY 3.7	3.7	f 9.15	7.18	8.48	11.50	12.15	4.05
87 WFY	2.30PM	10.40AM	s 5.35PM	7.30AM	s 7.05AM	s 5.40AM	450.6	DN-R **SAUGUS**	0.0	s 9.05AM	f 7.10PM	s 8.40PM	s11.42PM	12.01AM	3.45AM
	Arrive Daily	Arrive Daily Ex. Monday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		(69.9)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Except Monday
	(6.00) 11. 65	(7.40) 9.12	(2.25) 28.92	(2.15) 31.06	(2.18) 30.39	(3.10) 22.07		..........Time over District.......... ....Average speed per hour........		(2.40) 26.21	(2.20) 29.95	(2.20) 29.95	(2.28) 28.34	(4.41) 14.92	(8.50) 8.42

Automatic Block Signals

Westward trains are superior to trains of the same class in the opposite direction.

ADDITIONAL STOPS.

No. 102 will stop on signal at all stations to receive passengers for El Paso or east.

No. 25 will stop on signal at Saugus to receive passengers for Oakland and San Francisco.

Eastward	FROM SAN FRANCISCO SECOND CLASS		TIME TABLE No. 130 May 28, 1916			TOWARD SAN FRANCISCO SECOND CLASS Westward
Capacity of passing sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations	402 Mixed Leave Daily	Distance from San Francisco		STATIONS	Distance from Owenyo	401 Mixed Arrive Daily
WFTYOP Yard	11.30PM	380.7	DN-R	**MOJAVE**	143.5	s 1.30AM
				1.3		
56	f11.36	380.8		CHAFFEE	142.2	f 1.22
				3.2		
58	f11.46	384.0		CAMBIO	139.0	f 1.12
				4.3		
57	f11.56	388.3		TRESCAPE	134.7	f12.58
				4.6		
58	f12.06AM	392.9		NEURALIA	130.1	f12.45
				4 4		
57	**f12.25**	397.3		CINCO	125.7	**f12.25AM**
				5.2		
East 57W West 58	s12.40	402.5		CANTIL	120.5	s11.59
				2.8		
	f	405.3		GYPSITE (Spur)	117.7	f
				2.2		
58	f12.55	407.5		CENEDA	115.5	f11.45
				1.0		
	f	408.5		SALTDALE	114.5	f
				3.7		
East 57 Y West 80	f 1.07	412.2		GARLOCK	110.8	f11.30
				4.2		
58	f 1.25	416.4		GOLER	106.6	f11.17
				4.1		
58	f 1.50	420.5		RAND	102.5	f11.05
				4.1		
57	f 2.10	424.6		TEAGLE	98.4	f10.50
				3.8		
67 Y	s 2.35	428.4	DN	**SEARLES**	94.6	s10.35
				4.4		
58	f 2.47	432.8		RADEMACHER	90.2	f10.10
				5.5		
62	f 3.00	438.3		CODE	84.7	f 9.55
				4.1		
57	f 3.10	442.4		TERESE	80.6	f 9.40
				4.8		
58	s 3.25	447.2	DN	INYOKERN	75.8	s 9.25
				4.5		
58	s 3.37	451.7		LELITER	71.3	s 9.05
				4.6		
58	s 3.55	456.3	DN	BROWN	66.7	s 8.50
				4.4		
East 58 Y West 81	f 4.10	460 7		LINNIE	62.3	f 8.32
				3.6		
58	f 4.23	464.3		NARKA	58.7	f 8.20
				2.0		
		466.3		SODAN	56.7	
				2.0		
59	s 4.40	468.3		LITTLE LAKE	54.7	s 8.10
				3.2		
East 57 Y West 57	f 4.55	471 5		MABEL	51.5	f 8.00
				4.1		
58	f 5.10	475.6		SYKES	47.4	f 7.50
				2.2		
		477.8		LANSON	45.2	
				2.1		
58	f 5.20	479.9		TALUS	43.1	f 7.40
				4.2		
57W	f 5.35	484.1		HAIWEE	38.9	f 7.28
				4.4		
62	f 5.48	488.5		LOCO	34.5	f 7.15
				4.8		
58	f 6.00	493.3		OLANCHA	29.7	s 7.05
				4.4		
62	f 6.10	497.7		CARTAGO	25.3	f 6.50
				4.6		
62	f 6.20	502.3		MONACHEE	20.7	f 6.40
				4.0		
61	f 6.32	506.3		BRIER	16.7	f 6.27
				4.0		
62	f 6.45	510.3		CARROLL	12.7	f 6.15
				4.0		
62	f 6.55	514.3		DIAZ	8.7	f 6.05
				4.5		
East 66 West 63	s 7.20	518.8		LONE PINE	4.2	s 5.50
				4.2		
47FY	¶ 7.45AM	523.0	D-R	**OWENYO**	0.0	¶ 5.35PM
	Arrive Daily			(143.5)		Leave Daily
	(8.15)			Time over District		(7.55)
	17.39			Average speed per hour		18.12

Westward trains are superior to trains of the same class in the opposite direction.

FRESNO AND BAKERSFIELD SUBDIVISION.

Eastward

FROM SAN FRANCISCO

TIME TABLE
No. 130
May 28, 1916

Capacity of passing sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations.	THIRD CLASS		FIRST CLASS									Distance from San Francisco		STATIONS
	246	250	312	154	88	70	132	66	64	72	94			
	Kerman Goshen Junc. Way Freight	Coalinga Goshen Junc. Way Freight	Alcalde Coalinga Passenger	Fresno Ingle Visalia Passenger	Coalinga Fresno Passenger	Lemoore Goshen Junc. Passenger	Kerman Exeter Passenger	Armona Visalia Passenger	Stratford Visalia Mixed	Armona Goshen Junc. Passenger	Coalinga Exeter Fresno Passenger			
	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Wed. Only	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily			
24 T			10.45AM									273.3	R	**ALCALDE** 1.2
												272.1		LE ROY 2.2
												269.9		CRUMP (Spur) 1.5
81 YP		5.00AM	s11.10AM		5.45PM						6.00AM	268.4	D-R	**COALINGA** 1.7
F		5.10			f 5.48						f 6.05	266.7		ORA 6.7
		5.30			f 6.00						f 6.17	260.0		TURK 7.3
49		5.50			s 6.15						s 6.30	252.7	D	HURON 6.6
58		6.10			f 6.27						f 6.40	246.1		HENRIETTA 6.7
		6.30			f 6.40						f 6.51	239.4		LETHENT 2.9
75 Y		6.40			f 6.45	6.25PM			s 1.35PM		f 6.56	236.5	R	**ROSSI** 1.1
					f				f 1.40		f	235.4		HEINLEN (Spur) 1.5
		6.50 8.15			s 6.50	s 6.30			s 2.00		s 7.02	233.9	D	LEMOORE 2.7
					f	f			f		f	231.2		ORION (Spur) 2.1
East 39 } WYP West 47 }	9.40AM	8.30 9.25		s 9.50PM	s 7.00	s 6.40	s 4.15PM	s 3.45PM	s 2.15	s 8.40AM	s 7.11	229.1	D-R	**ARMONA** 3.1
												232.2		A. T. & S. F. CROSSING 0.3
63	10.00 10.15	9.40 11.05		s10.00	s 7.15	s 6.48	s 4.25 5.00	s 3.53	s 2.35	s 8.55	s 7.21	232.5	DN	**HANFORD** 5.1
64	10.35	11.20		f10.10	f 7.25	6.57	f 5.09	f 4.01	f 2.46	f 9.03	f 7.30	237.6		REMNOY 7.7
102 WFY	11.00AM	11.50AM		s10.25PM	s 7.40PM	s 7.15PM	s 5.25PM	s 4.15PM	s 3.05PM	s 9.15AM	s 7.45AM	245.3	DN-R	**GOSHEN JUNC.**
	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Wed. Only	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(60.4)
	(1.20) 14.95	(6.50) 17.52	(0.25) 11.76	(0.35) 27.77	(1.55) 28.95	(0.50) 28.32	(1.10) 27.77	(0.30) 32.40	(1.30) 15.73	(0.35) 27.77	(1.45) 31.71			Time over District Average speed per hour

Westward trains are superior to trains of the same class in the opposite direction.
Exceptions: No. 94 is superior to Nos. 65 and 85. Nos. 70 and 88 are superior to No. 69. No. 246 is superior to No. 245.

FRESNO AND BAKERSFIELD SUBDIVISION.

Eastward

FROM SAN FRANCISCO

TIME TABLE
No. 130
May 28, 1916

Capacity of passing sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations.	FIRST CLASS															Distance from San Francisco		STATIONS
	154	520	68	518	132	516	66	64	510	506	60	94	504	92	110			
	Fresno Ingle Visalia Passenger	Visalia Electric Passenger	Goshen Junc. Visalia Passenger	Visalia Electric Passenger	Kerman Exeter Passenger	Visalia Electric Passenger	Armona Visalia Passenser	Stratford Visalia Passenger	Visalia Electric Passenger	Visalia Electric Passenger	Goshen Junc. Springville Passenger	Coalinga Exeter Fresno Passenger	Visalia Electric Passenger	Goshen Junc. Porterville Passenger	Goshen Junc. Visalia Passenger			
	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily			
102 WFY	10.35PM		7.55PM		5.30PM		4.20PM	3.15PM			9.30AM	8.05AM		7.22AM	12.05AM	245.3	DN-R	**GOSHEN JUNC.** 3.7
												f				249.0		FAXON (No Siding) 1.5
																250.5		JACOBS (Spur) 2.1
21														7.36		252.6		WEST VISALIA 0.5
46	s10.55PM	11.00PM	s 8.15PM	8.45PM	s 5.50	5.10PM	s 4.40PM	s 3.35PM	1.45PM	10.20AM	s 9.50	s8.25 8.55	8.40AM	s7.45	s12.25AM	253.1	D-R	**VISALIA** 0.1
																253.2		A. T. & S. F. CROSSING 2.0
		f11.08		f 8.53	6.00	f 5.18			f 1.53	f10.28	9.58	9.03	f8.48	7.53		255.2		AMBLER (Spur) 2.1
														f		257.3		RECTOR 1.7
13		s11.14		s 8.59	s 6.06	s 5.24			s 1.59	s10.35	s10.05	f9.09	s8.56	s7.59		259.0	D	FARMERSVILLE 1.2
		f11.17		f 9.02	6.08	f 5.27			f 2.02	f10.37	f10.07	9.12	f8.59	f8.02		260.2		GIANT OAK 0.9
		f11.19		f 9.04	6.10	f 5.29			f 2.04	f10.39		9.14	f9.01	f8.04		261.1		LUNA 2.1
63 YW		s11.25PM		s 9.10PM	s 6.20PM	s 5.35PM			s 2.10PM	s10.45AM	s10.15AM	s9.20AM	s9.07AM	s8.10AM		263.2	DN-R	**EXETER**
	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(17.9)
	(0.20) 23.40	(0.25) 24.24	(0.20) 23.40	(0.25) 24.24	(0.50) 21.48	(0.25) 24.24	(0.20) 23.40	(0.20) 23.40	(0.25) 24.24	(0.25) 24.24	(0.45) 23.86	(1.15) 23.86	(0.27) 22.44	(0.48) 22.37	(0.20) 23.40			Time over District Average speed per hour

Westward trains are superior to trains of the same class in the opposite direction. Exceptions: No. 64 is superior to No. 91. No. 132 is superior to No. 67.

FRESNO AND BAKERSFIELD SUBDIVISION

TOWARD SAN FRANCISCO

Westward

TIME TABLE
No. 130
May 28, 1916

	STATIONS	Distance from Goshen Jct.	FIRST CLASS									THIRD CLASS	
			153	**131**	**65**	**85**	**61**	**97**	**63**	**69**	**311**	**249**	**245**
			Goshen Junc. Ingle Fresno Passenger	Visalia Kerman Passenger	Visalia Armona Passenger	Fresno Coalinga Passenger	Visalia Stratford Mixed	Porterville Armona Passenger	Springville Lemoore Passenger	Goshen Junc. Coalinga Passenger	Coalinga Alcalde Passenger	Goshen Junc. Coalinga Way Freight	Goshen Junc. Kerman Way Freight
			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Wed. Only	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday
R	**ALCALDE**	60.4									10.40AM		
	1.2												
	LE ROY	59.2											
	2.2												
	CRUMP (Spur)	57.0											
	1.5												
D-R	**COALINGA**	55.5				s10.10AM				s 9.40PM	10.15AM	1.00PM	
	1.7												
	ORA	53.8				f10.03				f 9.35		12.50	
	6.7												
	TURK	47.1				f 9.45				f 9.25		12.15PM	
	7.3												
D	HURON	39.8				s 9.30				s 9.13		11.40	
	6.6												
	HENRIETTA	33.2				f 9.16				f 9.02		11.05	
	6.7												
	LETHENT	26.5				f 9.03				f 8.52		10.40	
	2.9												
R	**ROSSI**	23.6				s 8.58	s11.20AM		f 6.20PM	s 8.46		10.30	
	1.1												
	HEINLEN (Spur)	22.5				f 8.55	f11.15			f 8.43		10.20	
	1 5												
D	LEMOORE	21.0				s 8.51	s11.10		s 6.15	s 8.40		10.15	
	2.7												
	ORION (Spur)	18.3				f	f		f	f			
	2.1												
D-R	**ARMONA**	16.2	s 4.55AM	s 6.30AM	s 8.25AM	s 8.40	s10.57	s 3.40PM	s 6.00	s 8.30		9.20 8.10	1.15PM
	3.1												
	A. T. & S. F. CROSSING	13.1											
	0.3												
DN	**HANFORD**	12.8	s 4.45	s 6.21	s 8.15	s 8.30	s10.46	s 3.30	s 5.50	s 8.20		7.50 6.10	1.00
	5.1												
	REMNOY	7.7	f 4.32	f 6.12	f 8.07	f 8.18	f10.35	f 3.22	f 5.42	f 8.08		5.50	12.10PM
	7.7												
DN-R	**GOSHEN JUNC.**	0.0	4.20AM	6.00AM	7.55AM	8.05AM	10.20AM	3.10PM	5.30PM	7.55PM		5.30AM	11.50AM
	(60.4)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Wed. Only	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday
	Time over District		(0.35)	(0.30)	(0.30)	(2.05)	(1.00)	(0.30)	(0.50)	(1.45)	(0.25)	(7.30)	(1.25)
	Average speed per hour		27.77	32.40	32.40	26.64	23.60	32.40	28.32	31.71	11.77	11.89	11.42

Westward trains are superior to trains of the same class in the opposite direction.
Exceptions: No. 94 is superior to Nos. 65 and 85. Nos. 70 and 88 are superior to No. 69. No. 246 is superior to No. 245.

FRESNO AND BAKERSFIELD SUBDIVISION

TOWARD SAN FRANCISCO

Westward

TIME TABLE
No. 130
May 28, 1916

	STATIONS	Distance from Exeter	FIRST CLASS															
			131	**503**	**65**	**505**	**61**	**7**	**509**	**97**	**91**	**511**	**63**	**67**	**517**	**99**	**109**	**519**
			Visalia Kerman Passenger	Visalia Electric Passenger	Visalia Armona Passenger	Visalia Electric Passenger	Visalia Stratford Mixed	Bakersfield San Francisco Passenger	Visalia Electric Passenger	Porterville Armona Passenger	Visalia Goshen Junc. Passenger	Visalia Electric Passenger	Springville Lemoore Passenger	Exeter Goshen Junc. Passenger	Visalia Electric Passenger	Fresno Goshen Junc. Passenger	Porterville Goshen Junc. Passenger	Visalia Electric Passenger
			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
DN-R	**GOSHEN JUNC.**	17.9	s5.55AM		s7.50AM		s9.20AM	s10.15AM		s3.00PM	s4.10PM		s5.25PM	s7.40PM		s10.25PM	s11.35PM	
	3.7																	
	FAXON (No Siding)	14.2			f					f								
	1.5																	
	JACOBS (Spur)	12.7																
	2.1																	
	WEST VISALIA	10.6			7.36													
	0.5																	
D-R	**VISALIA**	10.1	5.35AM	s7.25AM	7.30AM	s9.10AM	9.00AM	s 9.50	s 1.40PM	s2.40	3.50PM	s4.20PM	s5.05	7.20 s6.55	s7.50PM	s10.00	11.15 s10.10	s10.55PM
	0.1																	
	A. T. & S. F. CROSSING	10.0																
	2.0																	
	AMBLER (Spur)	8.0		f7.17		f9.03		9.41	f 1.32	2.31		f4.12	4.57	6.47	f7.42	9.51	10.02	f10.47
	2.1																	
	RECTOR	5.9												f				
	1.7																	
D	FARMERSVILLE	4.2		s7.11		s8.56		f 9.35	s 1.26	f2.25		s4.06	s4.51	s6.41	s7.36	s 9.45	s 9.56	s10.41
	1.2																	
	GIANT OAK	3.0		f7.08		f8.53		9.32	f 1.23	2.23		f4.03	f4.48	6.38	f7.33	f 9.43	f 9.53	f10.38
	0.9																	
	LUNA	2.1		f7.06		f8.51		9.30	f 1.21	2.21		f4.01			f7.31		9.51	f10.36
	2.1																	
DN-R	**EXETER**	0.0		7.00AM		8.45AM		9.23AM	1.15PM	2.15PM		3.55PM	4.40PM	6.30PM	7.25PM	9.35PM	9.45PM	10.30PM
	(17.9)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily
	Time over District		(0.20)	(0.25)	(0.20)	(0.25)	(0.20)	(0.52)	(0.25)	(0.45)	(0.20)	(0.25)	(0.45)	(1.10)	(0.25)	(0.50)	(1.50)	(0.25
	Average speed per hour		23.40	24.24	23.40	24.24	23.40	20.65	24.24	23.86	23.40	24.24	23.86	23.86	24.24	21.48	23.86	24.24)

Westward trains are superior to trains of the same class in the opposite direction. Exceptions: No. 64 is Superior to No. 91. No. 132 is superior to No. 67.

FRESNO AND BAKERSFIELD SUBDIVISION

Eastward — FROM SAN FRANCISCO — TOWARD SAN FRANCISCO — Westward

Capacity of passing sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations.	THIRD CLASS		FIRST CLASS		Distance from San Francisco	TIME TABLE No. 130 May 28, 1916	Distance from Armona	FIRST CLASS		THIRD CLASS	
	150 Ingle Armona Mixed	**246** Kerman Goshen Junc. Way Freight	**154** Fresno Ingle Visalia Passenger	**132** Kerman Exeter Passenger				**131** Visalia Kerman Passenger	**153** Goshen Junc. Ingle Fresno Passenger	**151** Armona Ingle Mixed	**245** Goshen Junc. Kerman Way Freight
	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily	Leave Daily		**STATIONS**		Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday
73 WYP	-	6.45AM		3.00PM	193.0	DN-R **KERMAN**	36.1	s 7.35AM			4.10PM
						6.7					
69		7.21		f 3.10	199.7	McMULLIN	29.4	f 7.21			3.40
						5.4					
48		7.40		s 3.20	205.1	D RAISIN CITY	24.0	s 7.11			3.20
						5.6					
58		8.00		s 3.30	210.7	D CARUTHERS	18.4	s 7.02			2.45
						6.1					
48 W		8.20		f 3.40	216.8	CANDO	12.3	f 6.50			2.25
						3.5					
					220.3	LATON AND WESTERN RY. CROSSING	8.8				
						0.3					
50		8.30		f 3.47	220.6	LILLIS	8.5	f 6.45			2.10
						2.4					
	s12.15PM	8.45	s 9.30PM	s 4.00	223.0	D-R **HARDWICK**	6.1	s 6.42	¶ 5.15AM	s 1.10PM	2.00
						2.3					
	12.23	8.52	f 9.35	f 4.05	225.3	KIMBLE	3.8	f 6.36	f 5.08	1.00	1.40
						3.8					
47 WYP	s12.35PM	9.05AM	s 9.45PM	s 4.15PM	229.1	D-R **ARMONA**	0.0	s 6.30AM	s 5.00AM	s12.50PM	1.30PM
	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily		(36.1)		Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday
	(0.20)	(2.20)	(0.15)	(1.15)		Time over District		(1.05)	(0.15)	(0.20)	(2.40)
	18.30	15.47	24.40	28.88		Average speed per hour		33.32	24.40	18.30	13.53

Westward trains are superior to trains of the same class in the opposite direction. Exceptions: Nos. 246 and 150 are superior to Nos. 245 and 151.

FRESNO AND BAKERSFIELD SUBDIVISION

Eastward — FROM SAN FRANCISCO — TOWARD SAN FRANCISCO — Westward

Capacity of passing sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations.	THIRD CLASS	FIRST CLASS	Distance from San Francisco	TIME TABLE No. 130 May 28, 1916	Distance from Hardwick	FIRST CLASS	THIRD CLASS
	150 Ingle Armona Mixed	**154** Fresno Ingle Visalia Passenger				**153** Goshen Junc. Ingle Fresno Passenger	**151** Armona Ingle Mixed
	Leave Daily Ex. Sunday	Leave Daily		**STATIONS**		Arrive Daily	Arrive Daily Ex. Sunday
Y	s 9.10AM	s 7.50PM	181.9	R **INGLE**	42.3	s 7.20AM	s 4.15PM
				5.3			
	s 9.40	s 8.03	187.2	D **TRANQUILITY**	37.0	s 7.08	s 3.50
				4.5			
46	s10.05	s 8.13	191.7	D SAN JOAQUIN	32.5	s 6.58	s 3.25
				3.2			
	s10.15	s 8.20	194.9	CALDWELL	29.3	s 6.50	s 3.15
				3.7			
			198.7	NARES	25.5		
				0.3			
	s10.39	s 8.30	199.0	D HELM	25.2	s 6.40	s 3.00
				7.2			
	s11.00	s 8.46	206.2	BURREL	18.0	s 6.22	s 2.45
				3.2			
	s11.10	s 8.51	209.4	BENDER	14.8	s 6.14	s 2.30
				5.2			
	s11.40	s 9.03	214.6	RIVERDALE (Spur)	9.6	s 6.05	s 2.15
				2.6			
	s11.50	s 9.09	217.2	ROBINSON (Spur)	7.0	s 5.54	s 1.45
				2.0			
	s11.59	s 9.14	219.2	HUB (Spur)	5.0	s 5.47	s 1.35
				1.8			
			221.0	LATON & WEST. RY. CROSS.	3.2		
				0.8			
	s12.07PM	s 9.24	221.8	LYNN (Spur)	2.4	s 5.41	s 1.25
				1.7			
			223.5	HASSET (Spur)	0.7		
				0.7			
	s12.15PM	s 9.30PM	224.2	D-R **HARDWICK**	0.0	s 5.35AM	s 1.15PM
	Arrive Daily Ex. Sunday	Arrive Daily		(42.3)		Leave Daily	Leave Daily Ex. Sunday
	(3.05)	(1.40)		Time over District		(1.45)	(3.00)
	13.71	25.38		Average speed per hour		24.17	14.10

Westward trains are superior to trains of the same class in the opposite direction. Exception: No. 150 is superior to No. 151.

Eastward — FROM SAN FRANCISCO | TOWARD SAN FRANCISCO — Westward

Capacity of passing sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations.	THIRD CLASS 320 Way Freight Leave Daily Ex. Sunday	FIRST CLASS 148 Fresno Friant Passenger Leave Daily	FIRST CLASS 146 Fresno Friant Passenger Leave Daily	FIRST CLASS 144 Fresno Friant Passenger Leave Daily	Distance from San Francisco		TIME TABLE No. 130 May 28, 1916 STATIONS	Distance from Friant	FIRST CLASS 145 Friant Fresno Passenger Arrive Daily	FIRST CLASS 147 Friant Fresno Passenger Arrive Daily	FIRST CLASS 149 Friant Fresno Passenger Arrive Daily	THIRD CLASS 321 Way Freight Arrive Daily Ex. Sunday
Yard WFTOPY	5.30AM	3.20PM	12.05PM	6.45AM	205.5	DN-R	**FRESNO**	24.4	s 9.25AM	s 2.50PM	s 6.00PM	1.30PM
							1.6					
			f		207.1		A. T. & S. F. CROSSING	22.8			f	
							0.9					
		f	f	f	208.0		EAST FRESNO	21.9	f	f	f	
							1.4					
	5.50	f 3.36	f12.21	f 7.01	209.4		BARTON (Spur)	20.5	f 9.07	f 2.32	f 5.41	12.21
							2.2					
					211.6		GRANZ (Spur)	18.3				
							0.2					
	6.00	f 3.42	f12.27	f 7.07	211.8		MALTERMORO (Spur)	18.1	f 9.02	f 2.27	f 5.37	12.05PM
							0.3					
					212.1		NAVIN (Spur)	17.8				
							0.8					
	6.10	s 3.45	s12.30	s 7.10	212.9		LAS PALMAS	17.0	s 8.59	s 2.24	s 5.34	11.45
							0.7					
	6.15	f 3.47	f12.32	f 7.12	213.6		EGGERS (Spur)	16.3	f 8.57	f 2.22	f 5.32	11.35
							0.3					
		f	f	f	213.9		VANRIS	16.0	f	f	f	
							1.0					
	6.20	s 3.51	s12.36	s 7.16	214.9		TARPEY	15.0	s 8.54	s 2.19	s 5.29	11.30
							1.2					
	6.30	f 3.54	f12.39	f 7.19	216.1		MELVIN	13.8	f 8.51	f 2.16	f 5.26	11.20
							1.3					
W	7.05	s 4.00	s12.45	s 7.25	217.4	D	CLOVIS	12.5	s 8.45	s 2.10	s 5.20	11.10
							1.1					
	7.29	f 4.04	f12.49	f **7.29**	218.5		GLORIETTA (Spur)	11.4	f 8.41	f 2.06	f 5.16	10.05
							2.4					
					220.9		SETCH	9.0				
							2.0					
25	7.50	f 4.13	f12.58	f 7.38	222.9		GORDON	7.0	f 8.32	f 1.57	f 5.07	9.45
							0.7					
	8.05	s 4.16	s 1.01	s 7.41	223.6		EL PRADO (Spur)	6.3	s 8.30	s 1.54	s 5.04	9.35
							1.2					
		f	f	f	224.8		BURKHEAD	5.1	f	f	f	
							1.7					
	8.20				226.5		GRAVEL (Spur)	3.4	**8.20**			
							3.4					
T	8.50AM	s **4.35**PM	s 1.20PM	s 8 00AM	229.9	D-R	**FRIANT**	0.0	**8.10**AM	1.35PM	**4.45**PM	9.05AM
	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily			(24.4)		Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday
	(3.20) 7.32	(1.15) 19.52	(1.15) 19.52	(1.15) 19.52			Time over District Average speed per hour		(1.15) 19.52	(1.15) 19.52	(1.15) 19.52	(4.25) 5.52

Westward trains are superior to trains of the same class in opposite direction.

Exceptions, No. 144 is superior to No. 145, No. 146 to No. 147, No. 148 to No. 149 and No. 320 to No. 321.

FRESNO AND BAKERSFIELD SUBDIVISION.

Eastward — FROM SAN FRANCISCO | TOWARD SAN FRANCISCO — Westward

Capacity of passing sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations.	THIRD CLASS 80 Stratford Visalia Mixed Leave Daily	Distance from San Francisco		TIME TABLE No. 130 May 28, 1916 STATIONS	Distance from Stratford	THIRD CLASS 81 Visalia Stratford Mixed Arrive Daily
Y	1.00PM	244.1	DR	**STRATFORD**	0.0	s11.53AM
				2.5		
61	f 1.10	241.6		MARSALA	2.5	f11.43
				1.7		
48	f 1.18	239.9		CUNEO	4.2	f11.35
				3.4		
75 Y	s 1.33PM	236.5	R	**ROSSI**	7.6	s11.20AM
	Arrive Daily			(7.6)		Leave Daily
	(0.33) 13.82			Time over District Average speed per hour		(0.33) 13.82

Westward trains are superior to trains of same class in opposite direction.

FRESNO AND BAKERSFIELD SUBDIVISION.

Eastward	From San Fran.			TIME TABLE No. 130 May 28, 1916		Toward San Fran.	Westward	
Capacity of passing sidings in car lengths and location of Scales, Fuel, Water and Turning and Telephone Stations.			Distance from San Francisco	STATIONS	Distance from Ainrof			
Y			308.6	D-R **OIL JUNCTION** 0.3	5.7			
			308.9	STORAGE TRACKS 1.1	5.4			
			310.0	BOAZ 0.5	4.3			
31			310.5	D WAITS 0.6	3.8			
			311.1	SEGURO 0.5	3.2			
			311.6	MALTHA 0.4	2.7			
			312.0	VOLCAN 0.2	2.3			
			312.2	LA SOLAS 0.2	2.1			
			312.4	OMENA 0.3	1.9			
			312.7	ADIOS (Spur) 0.1	1.6			
			312.8	CESARO (Spur) 0.2	1.5			
			313.0	**TREADWELL JUNC.** 0.1	1.3			
			313.1	EBIGMO (Spur) 0.3	1.2			
			313.4	PENTOL 0.3	0.9			
26Y			313.7	OIL CITY 0.6	0.6			
			314.3	R **AINROF** (Spur)	0.0			
				(5.7)				

Time over district

Average speed per hour

Note—Oil Junction to Ainrof operated as part of Bakersfield yard.

Eastward	From San Fran.			TIME TABLE No. 130 May 28, 1916		Toward San Fran.	Westward	
Capacity of passing sidings in car lengths and location of Scales, Fuel, Water and Turning and Telephone Stations.			Distance from San Francisco	STATIONS	Distance from Porque			
			313.0	**TREADWELL JUNC.** 0.2	2.4			
			313.2	KINROSS (Spur) 0.3	2.2			
			313.5	AMIGO (Spur) 0.2	1.9			
			313.7	ARMIGUS (Spur) 0.2	1.7			
			313.9	KINSALE (Spur) 0.1	1.5			
			314.0	FORFAR (Spur) 0.2	1.4			
			314.2	DERWENT (Spur) 0.5	1.2			
			314.7	CUANDO (Spur) 0.3	0.7			
			315.0	TUBIG (Spur) 0.2	0.4			
			315.2	HAYNAN (No Siding) 0.1	0.2			
			315.3	CERTINA (Spur) 0.1	0.1			
			315.4	**PORQUE** (Spur)	0.0			
				(2.4)				

Time over district

Average speed per hour

Note—Treadwell Junc. to Porque operated as part of Bakersfield yard.

Eastward	FROM SAN FRANCISCO					TIME TABLE No. 130 May 28, 1916		TOWARD S. FRAN.		Westward	
	SECOND CLASS		FIRST CLASS					FIRST CLASS		SECOND CLASS	
Capacity of passing sidings in car lengths and location of Scales, Fuel, Water and Turning and Telephone Stations.	308 Bakersfield McKittrick Mixed	306 Bakersfield Olig Mixed		192 Santa Fe Sunset Passenger	Distrnce from San Francisco		Distance from Olig	193 Santa Fe Sunset Passenger		307 Olig Bakersfield Mixed	309 McKittrick Bakersfield Mixed
	Leave Sunday Only	Leave Daily Ex. Sunday		Leave Daily		STATIONS		Arrive Daily		Arrive Daily Ex. Sunday	Arrive Sunday Only
P	8.20AM	7.35AM		s 9.45AM	313.6	DN-R **KERN JUNCTION** 0.5	49.1	s 5.52PM		3.45PM	2.40PM
					314.1	PARSONS 1.0	48.6				
					315.1	PAC. SMELTING 0.2	47.6				
					315.3	BAKERSFIELD CORRALS 1.4	47.4				
					316.7	STRADER (Spur) 2.1	46.0				
48 P	f 8.35	f 7.55		f 9.57	318.8	WIBLE ORCHARD 1.7	43.9	f 5.39		f 3.20	f 2.25
					320.5	VENOLA (Spur) 2.1	42.2				
59 PY	s 8.45	s 8.10		s10.05AM	322.6	D-R **GOSFORD** 5.8	40.1	s 5.32PM		s 3.00	s 2.15
51 WP	f 9.00	f 8.27			328.4	STEVENS 2.3	34.3			f 2.30	f 2.00
	f	f			330.7	STRAND (Spur) 4.4	32.0			f	f
	f 9.20	f 8.47			335.1	RIO BRAVO 3.2	27.6			f 2.05	f 1.40
	f	f			338.3	GOLA (Spur) 4.5	24 4			f	f
	f 9.39	f 9.07			342.8	BOWERBANK 3.5	19.9			f 1.45	f 1.21
96 P	s 9.49	s 9.20			346.3	D BUTTONWILLOW 4.2	16.4			s 1.35	s 1.12
69 WP	f 9.59	f 9.35			350.5	LOKERN 8.9	12.2			f 1.15	f 1.01
	10.26	10.05			359.4	ASPHALTO 1.2	3.3			12.35	12.34
33 PY	s10.30AM	s10.30			360.6	D-R **McKITTRICK** 2.1	2.1			s12.30PM	12.30PM
		s10.45AM			362.7	R **OLIG**	0.0			11.00AM	
	Arrive Sunday Only	Arrive Daily Ex. Sunday		Arrive Daily		(49.1)		Leave Daily		Leave Daily Ex. Sunday	Leave Sunday Only
	(2.10)	(3.10)		(0.20)		Time over district		(0.20)		(4.45)	(2.10)
	21.69	15.11		27.00		Average speed per hour		27.00		10.34	21.69

Westward trains are superior to trains of the same class in the opposite direction.
Exception: No. 306 is superior to No. 307. No. 308 is superior to 309.

SPECIAL RULES

"SAFETY FIRST"

Extra Trains May Pass, or Run Ahead of Third Class Trains Without Receiving an Order to do so.

STANDARD CLOCKS.

Fresno
Goshen Junction
Coalinga
Visalia
Bakersfield
Kern Junction
Mojave
Palmdale

WATCH INSPECTORS.

Webb C. Ball,	General Time Inspector,	San Francisco
Oberline Bros.,	Local Inspectors,	Fresno
Hanford Jewelry Co.,	Local Inspectors,	Hanford
G. D. Davidson Co., Saugus to Owenyo, Bakersfield to Fresno, including Branch lines and McKittrick Branch.	Local Inspectors,	Los Angeles
Henry Caseriel	Local Inspector,	Coalinga
Smith Bros.,	Local Inspectors,	Visalia
S. P. Anderson,	Local Inspector,	Exeter
R. A. Hubler,	Local Inspector,	Porterville
H. Oppliger, Bakersfield to Mojave,	Local Inspector,	Bakersfield
Newton Moore,	Local Inspector,	Los Angeles
Luckenbach & Co.,	Local Inspectors,	Los Angeles

BULLETIN BOARDS.

Fresno
Goshen Junction
Kerman
Los Angeles Round House
Coalinga
Bakersfield
Los Angeles
Mojave
Saugus
River Station

CLEARANCES.

Rule 83A will not apply at stations not telegraph offices, or where offices are closed for the day.

A train must not leave McKittrick or Coalinga without a clearance card (Form No. 2643).

REGISTERING.

At Registering stations on single track, or at the end of double track when passing from single to double track, where trains are permitted to register as per Rule 83-B, conductors and telegraphers, or telephone operators, must comply with Rule 96, the same as at non-registering stations.

Helper engineers of Santa Fe freight trains on joint track, will accept from conductors, information on prescribed form, showing the numbers of all superior trains and stating that he has checked the register, and that all have arrived or departed as the case may be.

Exceptions.

Famoso	Trains to and from Branch and terminating only register.
Oil Junction	Trains to and from Branch and terminating only register.
Bakersfield	Eastward S. P. freight trains arriving register. Same to be telegraphed Kern Junction for duplicate register.
Kern Junction	Arrival and departure of Santa Fe passenger trains will be telegraphed Bakersfield for duplicate register.
Lancaster	Helpers only register.
Palmdale	Helpers only register.

Trains Will Register by Form 2642 as Follows:

Goshen Junction	25, 26.
Kern Junction	S. P. passenger trains and westward Santa Fe passenger trains.
Tehachapi	115, 116, 25, 26, 49, 102.
Saugus	25, 26.

TRAIN AND AIR INSPECTION.

Freight trains descending grade will stop 5 minutes, or more, at following points, to allow trainmen to make thorough inspection of wheels and running gear of train in accordance with rule 820:

Between Bakersfield and Mojave	Bealville, Woodford, Marcel, Warren. Eastward freight trains handling P. F. E. Cars will make stops at Larose and Fram in addition.
Between Mojave and Saugus	Ravenna, Lang.
McKittrick Branch	Between Mile Posts 357 and 358.
Between other points	After a continuous run of 40 miles.

That proper inspection of running gear may be made by trainmen, in accordance with rule 824 and permit of their boarding train, freight trains must not exceed a speed of eight miles per hour when entering or pulling out of siding or leaving stations.

Rear end test between terminals as prescribed by Rule 17 of Rules and Regulations Governing Care and Operation of Air Brakes, etc., effective May 1st, 1915, is required as follows:

For all trains wherever brake pipe has been parted.

Westward passenger trains stopping at Vincent and Tehachapi. Those not stopping must make running test.

Eastward passenger trains stopping at Tehachapi and Vincent. Those not stopping must make running test.

Westward freight trains at Vincent, Summit and Tehachapi. Those making tests at Summit need not make it at Tehachapi unless stopped for other cause.

Eastward freight trains at Summit and Vincent.

In freight trains where helpers are coupled in rear of train, the last helper engineer to make coupling after brake pipe has been parted will sound one blast of the whistle for air test and the head engineer will, after charging up brake pipe, place his valve on lap and repeat the signal, rear brakeman not opening angle cock at rear end until brake pipe has been recharged and leading engineer has sounded signal for the test. Other engineers in train must not whistle off until air test has been made.

Conductor will report to Superintendent, by wire, any failure to properly control train by air brakes and will deliver to Car Inspector at first terminal list showing tonnage of each car in train. Car Inspector will add to list the piston travel of each car in train, as shown by test made before road engine is cut off, also result of three-minute test of all retainers. The list will then be forwarded to Superintendent by first mail.

"19" ORDER.

Within automatic block signal limits, between Fresno and Saugus, the note under Rule 211 is modified as follows:

Form "19" train order may be issued to restrict the superiority of a train, except that form 31 must be used,—

(1) When orders are delivered at a non telegraph or closed telegraph station. (See rule 217).

(2) When necessary to restrict a train which has been cleared or the engine of which has passed train order signal. (See rule 219).

(3) When issuing an order form "G," example 3.

(4) When giving any train right over all trains.

(5) When reducing a time order where necessary that dispatcher have signature of superior trains before completing order to an inferior train.

Operator will fill out clearance, designating thereon numbers of orders, repeat to dispatcher train and order numbers as they appear on clearance and obtain O. K. with time and Superintendent's initials, writing same before delivery in space provided for. Operator will retain carbon copy of clearance.

Dispatcher must write train and order numbers in his train order book as transmitted by operator from clearance, and must designate time clearance was made O. K., not transmitting O. K. unless operator repeats numbers of all orders to be delivered to the train to which clearance is addressed.

When "19" order restricting superiority is issued at station where superiority is restricted, train must be stopped by operator before delivery of order.

Conductor's and Engineer's attention is called to the importance of approaching at a moderate rate of speed telegraph offices where orders are to be received and the necessity for carefully checking clearance to ascertain positively that it is properly addressed and that orders received are those called for by clearance.

Clearance outside automatic block signal limits must show numbers of all orders (both 31 and 19) and be O.K.'d by Dispatcher same as within block signal limits.

AUTOMATIC SIGNALS.

When stopped by Block Signal (not Minute Blocks) on single track, trains will wait five minutes, then proceed as per Rule 504.

The following automatic block signals, governing trains entering and in yards, will be Minute Blocks:

Mojave: Nos. 3802, 3805, 3806, 3811;
Tehachapi: Nos. 3598, 3611;
Bakersfield: No. 3157;
Goshen Jct.: Nos. 2388, 2397.

If signals are at stop, wait one minute and then proceed under control.

At night if light is not burning, trains will be governed by position of arm.

When Block Signals indicating position of switches are yellow boarded, trains will reduce speed to six miles per hour through station limits until switches are passed.

Home signals No. 3805 and No. 3806, (minute blocks) just West of Oil and Water Columns, between main track and siding No. 1, Mojave yard, are placed "back to back." Signal No. 3805 governing Westward trains is located on Fireman's side, who will be on lookout for change in position of signal. Helper Engines occupying main track must stand just West of these signals to prevent delay to Westward trains.

Signal failures or irregularities (either action of arm or condition of light) will be reported to chief dispatcher from first open telegraph office.

INTERLOCKING SIGNAL TOWERS.

Fresno Tower No. 1.

(A. T. & S. F. Crossing 1.6 miles east of Fresno on Friant Branch):

For main track, one long blast of whistle.

To or from spur track, one long and one short blast of whistle.

Fresno Tower No. 2.

(A. T. & S. F. Crossing 1.5 miles east of Fresno on Porterville Branch):

For main track, one long blast of whistle.

Calwa Tower.

(A. T. & S. F. Crossing and end of double track 0.8 miles east of Calwa):

Eastward trains approaching end of double track will call for switch and derailer by one long, one short and one long blast of whistle.

Westward trains will sound one long blast of whistle for crossing and for double track.

Lower arm of signal located just east of crossing controls the admission of westward trains on to double track against the current of traffic.

Dwarf signal located between main tracks just west of tower controls eastward trains moving against the current of traffic.

Hanford Tower.

(A. T. & S. F. Crossing 0.3 miles west of Hanford):

For main track, one long blast of whistle.

For crossing through side track, one long, one short and one long blast of whistle.

Tulare Tower.

(A. T. & S. F. Crossing 0.3 miles west of Tulare):

For main track, one long blast of whistle.

Kern Junction Tower.

(A. T. & S. F. Crossing and McKittrick Branch Jct. 0.7 miles east of Bakersfield):

For main track, one long blast of whistle.

For movement over crossing on side track, one long, one short and one long blast of whistle.

For movement between S. P. and A. T. & S. F. main line, one long and one short blast of whistle.

For movement between main track and transfer track, one short, one long and one short blast of whistle.

General:

For any movement against current of traffic on double track, sound one long and one short blast of whistle.

When a train which has been given the semaphore signal at any crossing does not wish to use crossing, one short and one long blast of whistle should be sounded for the information of the towerman.

SPECIAL RULES—Continued

SPEED TABLE

This table is for the purpose of determining speed per mile and must in no way conflict with rules restricting speed of trains.

Miles per Hour	1 Mile in		Miles per Hour	1 Mile in		Miles per Hour	1 Mile in		Miles per Hour	1 Mile in	
	Min.	Sec.		Min.	Sec.		Min.	Sec.		Min.	Sec.
6	10		21	2	51	31	1	56	41	1	27
8	7	30	22	2	43	32	1	52	42	1	25
10	6		23	2	36	33	1	49	43	1	23
12	5		24	2	30	34	1	45	44	1	21
15	4		25	2	24	35	1	42	45	1	20
16	3	45	26	2	18	36	1	40	46	1	18
17	3	31	27	2	13	37	1	37	47	1	16
18	3	20	28	2	8	38	1	34	48	1	15
19	3	9	29	2	4	39	1	33	49	1	13
20	3		30	2		40	1	30	50	1	12

MAXIMUM SPEED FOR WHICH LOCOMOTIVES ARE COUNTERBALANCED.

Note—All Locomotives with the following exceptions, are counterbalanced for a speed in miles per hour equal to the number of inches in diameter of driving wheels.

Class of Locomotive	Engine Numbers	Maximum Speed in Miles per Hour	Maximum Wheel Pressure
MM—$63\frac{25-38}{28}$ 320	4200 to 4211	40	
A—$84\frac{15-25}{28}$ 110	3000 to 3009	77	48375 lbs.
A—$79\frac{15-25}{28}$ 102	3016 to 3024	67	46445 “
A—$81\frac{20}{28}$ 105	3025 to 3071	77	46380 “
T—$69\frac{21}{28}$ 149	2284, 2285, 2287 to 2289, 2292, 2293, 2295, 2296, 2298, 2299	60	44330 “
T—$69\frac{15\frac{1}{2}-26}{28}$ 142	2291, 2294, 2297	62	41526 “
T—$63\frac{18}{30}$ 78	2187, 2190, 2194, 2195, 2199, 2200, 2203 to 2206	52	22750 “
M—$63\frac{21}{28}$ 155	1720, 1721, 1724, 1770, 1771, 1773 to 1777, 1779	58	45190 “
M—$63\frac{21}{28}$ 144	1727 to 1729, 1731, 1734, 1736 to 1738, 1741, 1743, 1745, 1746, 1748, 1750 to 1753, 1755, 1757, 1759 to 1761, 1763, 1764, 1767 to 1769, 1782, 1784, 1785, 1787, 1788, 1790 to 1792, 1794 to 1797, 1799	53	42860 “
M—$63\frac{15-26}{28}$ 144	1730, 1733, 1786, 1793, 1798, 1802	56	42000 “
E—$69\frac{18}{24}$ 69	1383, 1386, 1387, 1389, 1392, 1393, 1396, 1397	55	30190 “
E—$73\frac{18}{24}$ 63	1430 and 1432	61	27570 “
MC—$57\frac{26-40}{30}$ 394	4000 to 4016	53	43050 “
MC—$57\frac{26-40}{30}$ 398	4017 to 4028	53	43050 “
MC—$57\frac{26-40}{30}$ 401s	4029 to 4043	53	43500 “
MC—$57\frac{26-40}{30}$ 395s	4044 to 4048	53	43500 “
C—$57\frac{22}{30}$ 180	2625, 2626, 2628 to 2642, 2644 to 2651, 2653 to 2655, 2657, 2659 to 2662, 2664 to 2672, 2674, 2675, 2677, 2679	52	39650 “

NOTE:—The above table is for the information of engineers and must not be considered in any way to authorize exceeding speed limit specified under “Speed Restrictions.”

SPEED RESTRICTIONS—TRAINS WILL NOT EXCEED Miles per Hour

Between—	Passenger	Freight
Fresno and Bakersfield	50	35
“ “ “ with large loaded oil cars		35
Bakersfield and ½ mile east of Sivert	50	35
Bena and Sivert westward freight trains		35
½ mile east Sivert and 1 mile west Ilmon	40	30
1 mile west Ilmon and 1 mile west Tehachapi	30	18
1 mile west Tehachapi and 1 mile east Cameron	50	25
1 mile east Cameron and Mojave	45	18
Mojave and Palmdale	50	35
“ “ “ with large loaded oil cars		35
Palmdale and Vincent	40	18
Vincent and mile post 422	30	18
Mile post 422 and mile post 427	40	18
Mile post 427 and Humphreys	30	18
Humphreys and mile post 448	40	18
Mile post 448 and Tunnel 24	30	18
Tunnel 24 and Saugus	40	18
Fresno to Famoso-Porterville Branch	40	30
Kerman and Armona	40	35
Ingle and 1 mile west of Riverdale	35	25
1 mile west of Riverdale and Hardwick	25	20
Goshen Junction and Exeter	40	30
Goshen Junction and Armona	50	35
Armona and Crump	40	25
Crump and Alcalde	12	12
Fresno and Gordon (except as noted)	30	20
Gordon and Friant (except as noted)	20	20
Fresno and Friant (with loaded gravel cars)		15
Oil City Branch (except as noted)		20
“ “ “ (with large loaded oil cars)……Days		15
“ “ “ “ “ “ “ “ ……Nights		10
Bakersfield and Lokern	40	25
Lokern and Olig (except as noted)	30	20
“ “ “ (with large loaded oil cars)……Days		15
“ “ “ “ “ “ “ “ ……Nights		10
Stratford Branch	15	15
Porterville and Springville	20	15
Mojave and Owenyo:		
Mojave and Mile Post 422	35	35
Mile Post 422 and Mile Post 439	25	25
Mile Post 439 and Mile Post 465	35	35
Mile Post 465 and Mile Post 469	25	25
Mile Post 469 and Owenyo	35	35
All points with large loaded oil cars, (except as noted)		25
Between outside switches of yards, (outside City Limits):		
Fresno	15	10
Bakersfield, east of Nome	15	10
“ west of Nome	35	20
Mojave	15	10
Through City Limits (regulated by Ordinances):		
Clovis	8	8
Fresno	8	8
Selma (between 5 a.m. and 11 p.m.)	10	10
Kingsburg (between 4 a.m. and 11 p.m.)	10	10
Tulare	8	8
Visalia	6	6
Hanford	8	8
Exeter	10	10
Bakersfield	6	6
Fowler	10	10
Over Bridges:		
288-B, West of Orris	20	20
Over Turnout Switches:		
Kerman (eastward trains)	20	20
Calwa Tower, end of double track (eastward trains)	15	15
Exeter, south leg of Wye connecting Porterville Branch	15	15
All points Santa Fe 900 and 1600 class engines	4	4
“ “ Consolidation and Mallet engines	10	10
On Sidings:		
When clear of lead on straight track, Santa Fe 900 and 1600 class engines	8	8
Over west leg of Wye at Searles: Consolidation engines	6	6
Engines on passenger trains:		
Decapod	Freight Train Speed	

SPEED RESTRICTIONS—Continued.

Consolidation	Maximum speed allowed passgr. trains
When meeting or passing on double track	20 miles per hour except where speed restrictions are less will be governed thereby
Engines running light:	
8-wheel, 10-wheel, Mogul and Mikado	Passgr. Train Speed
Consolidation type	20 miles per hour where freight trains are restricted to 18
Fernando Helpers (2914 class)	25 miles per hour where freight trains are restricted to 18
Engines not above specified	Freight Train speed
Engines backing up:	
Consolidation, Decapod, Mikado and Mallet between Bakersfield and Saugus	15 miles per hour
Consolidation and Mikado between Fresno and Bakersfield	20 miles per hour
Fernando Helpers (2914 class) between Palmdale and Saugus	20 miles per hour
All others (except Consolidation, Mallet and Mikado) over main track and from Kerman to Goshen Junction	25 miles per hour
Over other branches	20 miles per hour except where speed restrictions are less, be governed thereby
From West Wye switch to station at Goshen Jct. (Coalinga Branch)	**10 miles per hour**
Mallet Engines in freight service (between Bakersfield and Saugus):	
Running light or in train	**20 miles per hour except where freight train speed is less, be governed thereby**
Switch Engines (outside yards)	**15 miles per hour**
Passenger Mallet Engines running light or in train	**40 miles per hour except where passenger train speed is less, be governed thereby.**
Trains handling wrecker:	
Main line and from Goshen Jct. to Kerman	**25 miles per hour;**
Over other branches	**15 miles per hour; except where freight train speed is less, be governed thereby.**

YARDS.

Yards are established at the following stations:

Fresno
Bakersfield
Mojave
Goshen Jct.
Hanford
Porterville
Exeter
Coalinga

Rules 93 and D-93 are revised as follows:

“Within yard limits the main track may be used, protecting against first class trains.

All trains must approach yard limits and pass through yards under control.”

OVERHEAD STRUCTURES.

Less than 22 feet above top of rails.

BETWEEN FRESNO AND EXETER.

Mile Post	Between Stations	Structure	Height
253.6	Kaweah-Lort	Bridge over Kaweah River	20″-3′

MAIN LINE.

Mile Post	Between Stations	Structure	Height
332.6	Illmon-Caliente	Tunnel No. ½	18′- 2″
336.9	Caliente-Bealville	“ “ 1	17′- 8″
337.8	“ “	“ “ 2	17′- 8″
340.8	Bealville-Rowen	“ “ 3	18′- 0″
341.0	“ “	“ “ 4	18′- ½″
341.6	“ “	“ “ 5	18′- 2″
341.9	“ “	“ “ 6	18′- 4″
343.7	“ “	“ “ 7	17′- 7″
344.2	“ “	“ “ 8	17′- 5″
351.0	Woodford-Walong	“ “ 9	18′- 0″
352.3	Walong-Marcel	“ “ 10	17′-9½″
353.0	“ “	“ “ 11	18′- 2″
355.0	Marcel-Cable	“ “ 12	17′- 8″
355.2	“ “	“ “ 13	17′- 11″
355.4	“ “	“ “ 14	17′- 8″
355.7	“ “	“ “ 15	17′- 11″
355.9	“ “	“ “ 16	18′- 2″
356.0	“ “	“ “ 17	17′- 11″
434.8	Russ-Lang	Water Flume	19′- 0″
434.8	“ “	Tunnel No. 17½	18′- 10″
435.5	“ “	Bridge over Santa Clara River	20′- 9″
435.9	“ “	“ “ “ “ “	21′- 6″
436.1	“ “	“ “ “ “ “	21′- 9″
436.3	“ “	“ “ “ “ “	21′- 10″
436.8	“ “	“ “ “ “ “	21′- 9″
436.9	“ “	“ “ “ “ “	21′- 9″
437.0	“ “	Tunnel No. 18	17′- 7″
437.4	“ “	“ “ 19	17′- 2″
437.4	“ “	Bridge over Santa Clara River	21′- 8″
439.5	Lang-Humphreys	Tunnel No. 20	17′- 9″
440.1	“ “	“ “ 21	17′- 10″
441.5	“ “	“ “ 22	18′- 2″
445.3	Humphreys-Honby	“ “ 23	18′- 6″
449.7	Honby-Saugus	“ “ 24	18′- 6″

BETWEEN MOJAVE AND OWENYO.

Mile Post	Between Stations	Structure	Height
426.8	Teagle-Searles	Tunnel 29	21′-2″

All employes are warned that it is dangerous to stand erect on cars, particularly of extraordinary height, while passing any of these points and must use necessary precaution to protect themselves from injury.

SURGEONS

NAME.	LOCATION.	DISTRICT Between
Dr. F. K. Ainsworth, Manager and Chief Surgeon	San Francisco, Cal.	All points.
Dr. O. B. Doyle	Fresno, Cal.	Fresno, Friant, Kingsburg and Ivesta, Cal.
Dr. D. H. Trowbridge, Oculist and Aurist	Fresno, Cal.	
Dr. J. L. Maupin, Consulting Surgeon	Fresno, Cal.	
Dr. J. D. Wagner, Emergency Surgeon	Selma, Cal.	
Dr. M. A. Morrison, Emergency Surgeon	Fowler, Cal.	
Dr. T. F. Madden, District Surgeon	Sanger, Cal.	Ivesta and Fargo.
Dr. G. A. Hawkins	Reedley, Cal.	Fargo and Monson.
Dr. A. D. McLean	Exeter, Cal.	Monson and Burr.
Dr. J. A. Moore, Emergency Surgeon	Dinuba, Cal.	
Dr. T. D. Smith, District Surgeon	Kingsburg, Cal.	
Drs. M. and M. S. McMurtry, Emergency Surgeons	Clovis, Cal.	
Dr. T. D. Blodgett	Tulare, Cal.	Kingsburg and Earlimart.
Dr. J. A. Copeland, District Surgeon	McFarland, Cal.	
Dr. C. M. White, District Surgeon	Visalia, Cal.	Goshen and Exeter.
Dr. C. T. Rosson	Hanford, Cal.	Goshen, Armona and Caruthers.
Dr. D. E. Arnold	Kerman, Cal.	Kerman and Caruthers.
Dr. Wm. P. Byron	Lemoore, Cal.	Armona and Huron.
Dr. G. T. Mountford	Coalinga, Cal.	Huron and Alcalde.
Dr. S. A. Barber	Porterville, Cal.	Zante and Famoso.
Dr. W. W. Tourtillott	Lindsay, Cal.	Burr and Zante.
Dr. C. W. Kellogg, Division Surgeon	Bakersfield, Cal.	San Joaquin Division.
Dr. A. I. Fraser	Bakersfield, Cal.	Earlimart, Bealville and Gosford.
Dr. A. F. Schafer, Consulting & Emergency Surgeon	Bakersfield, Cal.	
Dr. H. W. Owen, Oculist and Aurist	Bakersfield, Cal.	
Dr. H. Hildreth, Emergency Surgeon	Delano, Cal.	
Dr. N. J. Brown	Tehachapi, Cal.	Bealville and Cameron.
Dr. H. M. Elwood	Mojave, Cal.	Cameron, Brown and Rosamond.
Dr. M. A. Williamson	Lone Pine, Cal.	Brown and Owenyo.
Dr. J. T. Arwine, District Surgeon	Lancaster, Cal.	Rosamond and Ravenna.
Dr. J. E. Wheat	Fernando, Cal.	Ravenna and Saugus.
Dr. H. V. Prouty	McKittrick, Cal.	Gosford and Olig.

Note.—Emergency Surgeons should only be summoned for temporary treatment when prompt attention is required and when patients cannot be sent to or await arrival of Division or District Surgeon.

JUNCTION SWITCHES.

(Switches to be set and locked as follows):

El Prado	Friant branch and S. J. E. R. R. tracks for Friant branch track.
Fresno	Stockton Division main track and Kerman track for main track.
Fresno	Fresno-Bakersfield main track and Sanger branch for main track.
Fresno	Friant and Sanger branches for Sanger track.
Kerman	Armona and Stockton Division tracks for Stockton Division track.
Ingle	H. & S. L. branch and Stockton Division tracks for Stockton Division track.
Hardwick	H. & S. L. branch and Armona-Kerman track for Armona-Kerman track.
Armona	Goshen Jct.-Coalinga and Armona-Kerman tracks for Goshen Jct.-Coalinga track.
Rossi	Coalinga branch and Stratford branch tracks for Coalinga branch track.
Goshen Junction	Visalia and Coalinga branches with Fresno-Bakersfield main track, both for main track.
	Visalia main track on passing siding for passing siding.
Exeter	Visalia and Sanger branches for Visalia track.
Porterville	P. & N. E. & Porterville branch for Porterville branch track.
Famoso	Fresno-Bakersfield main track and Porterville branch for main track.
Oil Junction	Bakersfield-Fresno main track and Oil City branch for main track.
Kern Junction	Operated by interlocking tower.
Gosford	McKittrick branch and Sunset R. R. tracks for McKittrick branch track.
Mojave	Bakersfield-Mojave main track and N. & C. Ry. for main track.
Saugus	San Joaquin Division main track and Los Angeles Division track for San Joaquin Division main track.

LOCATION HOSPITAL STRETCHERS.

Fresno Storeroom.
Fresno Wrecking Train.
Fresno Baggage Room.
Goshen Junction.
Hanford.
Coalinga.
Exeter.
Porterville.
Bakersfield Emergency Hospital.
Bakersfield Wrecking Train.
Bakersfield Car Shops.
Bakersfield Machine Shops.
Bakersfield Baggage Room.
Tehachapi.
Mojave Car Shops.
Mojave Wrecking Train.
Mojave Baggage Room.
Owenyo.
Saugus.

HOSPITALS FOR SAN JOAQUIN DIVISION.

General Hospital, S. P. Hospital, San Francisco, Cal. Division Hospital, Crocker Street Hospital, Los Angeles, Cal. Emergency Hospital, Bakersfield, Cal.

AVERAGE WEIGHTS OF PASSENGER TRAIN CARS.

Kind of Cars.	Average Weights, Pounds		
	Wood	Steel	Steel Underframe
Baggage	79,000	90,000	
“ (Dynamo)		105,000	
“ and Mail	77,000	121,000-69′ 90,000-60′	93,000
“ and Passenger	61,000		
Buffet		130,000	122,000
“ (Dynamo)		146,000	
Business	107,000	178,000	135,000
Chair	86,000	98,000	
Coaches	80,000	95,000	
Dining	128,000	147,000	135,000
Horse Express	81,000		
Observation	122,000	145,000	131,000
Postal		110,000-60′ 77,000-40′	
Pullman Observation	124,500	151,000	127,000
“ Parlor	115,000	146,000	
“ Std. Sleepers	125,000	153,000	145,000
“ Tourist	94,000		133,000
Tea and Silk	48,000		

USE OF RETAINERS.

Pressure retaining valves on locomotive tenders must be used on all descending mountain grades.

All available retainers will be used on Passenger Trains on grades as follows:

EASTWARD TRAINS:—From Cameron to Mojave.

WESTWARD TRAINS:—From Vincent to Harold.
From Tehachapi to Caliente.

On Freight Trains, retainers will be used on grades in accordance with Rule 54 of ''Rules and Regulations Governing Air Brakes, Etc., Effective May 1st, 1915,'' as follows:

EASTWARD TRAINS:—From Cameron to Mojave.
From Vincent to Lang.

WESTWARD TRAINS:—From Vincent to Harold.
From Tehachapi to Caliente.
From McKittrick to Lokern.

Retainers will be used on other trains and under other conditions where in judgment of the engine and train crew it is deemed necessary to vary from the above rules.

Where retainers are used the rate of speed of freight trains on any grade of over one per cent. (over 1%) will not exceed 25 miles per hour, and on grades of this character, MORE THAN FIVE MILES LONG, FOR THE FIRST FIVE MILES THE TIME CONSUMED IN TRAVELING ANY ONE MILE SHALL NOT BE LESS THAN THREE MINUTES.

The above maximum speed restriction will not affect the speed on heavier grades and other locations, where the maximum is now provided.

MISCELLANEOUS.

On single track in Block Signal limits Rule 86, second paragraph, is modified as follows: An inferior train will clear the time of first class trains in the same direction not less than ten (10) minutes.

Approaching tunnels, by day, when within 300 feet, headlight must be displayed and continued until tunnel is passed.

Headlights of helper engines when coupled into trains must be concealed.

At least two loaded steel underframe cars must be placed immediately ahead of mallet engines that are engaged in shoving.

Trains entering sidings will do so under control. Responsibility for collision is placed with entering train.

When in an engineer's judgment, track which is protected by slow order is safe for a higher rate of speed than is allowed by such slow order, engineer will notify the conductor, stating what speed he considers safe, and conductor will then send a message to Superintendent from first open telegraph office covering information.

Engines of freight trains must be cut off to take water.

At unprotected railroad grade crossings, trains approaching, will sound one long blast of steam whistle at proper distance from crossing, while train is running, in accordance with rule 14 (m). After train has stopped, and before passing over such crossing, engineer will sound two short blasts of the steam whistle.

Whistle signal covered by rule 14 (m) applies when train is running.

Following additional whistle signal is authorized:

Sound	Indication
One long blast (————)	When train is standing; apply air brakes from rear and for test. To be used when hand signals cannot be readily transmitted.

At Fresno, all trains from Friant and Sanger branches will stop at junctions of these branches when entering yard.

At Fresno, eastward trains entering yard will be governed by signals from herder as follows: Trains from east side green signal, trains from west side yellow signal.

At Goshen Junction westward trains on Visalia branch must stop at stop board located at east end just opposite cross-over from Visalia branch to main track.

At Goshen Junction, the end of the Visalia Branch main track, will be at the point east of the station where first cross-over enters into the Visalia track.

At Famosa, the end of the Porterville Branch main track will be at the point west of the station where the cross-over from the main track enters into the Porterville track.

That part of these tracks between the cross-overs and the stations will be used as sidings, and trains using same will conceal headlight and display markers in accordance with rules 17 and 19.

At Visalia, all trains will stop, at Santa Fe tracks, and will not pass over crossing without receiving proceed signal from flagman, who must precede them.

At Exeter, all Eastward trains must stop at stop board at junction east leg of wye with Porterville branch.

Engines coupled, and cars weighing over 155,000 pounds, must not be run over Bridge 288-B near Orris.

At Bena engines must not go beyond a point 300 feet from switch into pit. Cars must be used in switching if necessary to go back of that point.

At Caliente, when taking siding, eastward trains will use siding next to main track and westward trains will use outside siding.

At Marcel and Bealville, all trains, except first class, will use back track and that part of track west of cross-over as siding, switches lined accordingly.

Middle track from cross-over to east switch will be known as middle siding and used by first class trains; eastward first class trains entering at cross-over.

Freight trains will not go to Cliff for passenger trains, unless can get into clear or so instructed by Dispatcher.

At Rowen, trains taking siding will comply with the following:
First class trains will use middle siding entering at first cross-over.
Eastward trains, except first class, will enter at extreme west switch.
Westward trains, except first class, will enter at extreme east switch.
All trains, except first class, will use middle siding only under flag protection unless instructed by train order that middle siding is clear, but will not use the same when first class trains are due to meet there.
Siding between east switch and east cross-over is designated as east siding.
Siding between cross-over switches is designated as middle siding.
Siding between west cross-over and west switch is designated as west siding.
Inside cross-over switches will be lined for siding.
Trains using sidings will depart through cross-overs.

At Woodford track on north side of main track will be used as siding for trains in both directions. House track must not be used for setting out or storing of cars.

At Summit, the siding known as ''Old Siding'' will be kept for use by Train 342 in cutting out helpers. Long track south of main track will be used for siding by other trains, and trains using same will enter at the extreme west or east switches.

Spur Tracks at following stations between Bakersfield and Mojave must not be used by Mallet or Decapod engines: Sivert, Gravel Pit Bena, Caliente, Bealville, Rowen, Cable and Turntable Tehachapi.

The maximum tonnage rating per operative brake of 115 Ms. on both east and west sides of Tehachapi Mountain and 120 Ms. eastward from Mojave to Saugus, must be strictly observed. Oil cars equipped with latest Westinghouse empty and loaded brake device will permit the handling of 150 Ms. per operative brake.

In movement of helper engines light down the Tehachapi, the number of engines to be coupled together is restricted to the following: Not more than three mallets; five consolidations; three mallets and one consolidation; two mallets and two consolidations; one mallet and three consolidations.

At Mojave, trains entering yard will be governed by the following signals:

WESTWARD TRAINS: Santa Fe by Hall Signal. Southern Pacific by Signal 3811 (minute block.)

EASTWARD TRAINS: Signal 3802 (minute block.)

When necessary to signal Westward trains, Herder will use yellow signal for Southern Pacific trains and green signal for Santa Fe trains. For Eastward trains, Herder will use yellow signal.

Freight trains will not enter until signal is given by Herder.

At Honby, back track will be used as siding by freight trains and switches are so set. When necessary for passenger trains to take siding at that point, they will use the inside track up to point of cross-over.

Helper engines between Tehachapi and Summit will be governed by following:

A. Operator at Tehachapi will have a staff, and will deliver same to eastward trains having helpers to return from Summit, except as provided in Sections D, E and F.

Conductors of trains stopping at Tehachapi and requiring staff will personally procure same and deliver to leading helper engineer, personally notifying engineer handling train that he has done so.

For trains authorized to register by Form 2642, having helpers to return from Summit, operator will deliver staff to leading helper engineer and will hand to conductor and all other engineers in train, a clearance on which is written ''Staff to Engineer.''

B. After receipt of staff train may proceed to Summit, keeping clear of superior trains, providing train has also been cleared as required by the rules and regulations of Operating Department.

C. After an engineer has in his possession the staff, his engine and all engines at Summit may return coupled to Tehachapi regardless of opposing trains except first class.

D. As section C provides that helpers are required to clear first class trains the staff need not be delivered to first class trains except when such trains have helper to cut out at Summit and there are no helpers at Summit with which it can couple. Helpers when waiting at Summit to clear first class trains will not leave without ascertaining whether such first class trains have helpers to couple in with them.

E. When it is desired to run two or more trains to Summit, before allowing helper of any to return, operator will upon instructions from dispatcher deliver to enginemen and conductors of all such trains, except the last, in place of staff, clearance on which is noted, ''Staff at Tehachapi,'' provided operator has staff in his possession. Clearance so worded will be sufficient authority for trains to move to Summit as if staff had been received. To last train staff will be given. ''Staff at Tehachapi'' clearances do not authorize trains to return to Tehachapi. When train receives ''Staff at Tehachapi'' clearance and is passed at Tehachapi by another train having a helper, the train which is passed will not thereafter proceed without first returning to telegraph office and ascertaining whether the train passing has the staff. If the train passing is given the staff, the train which is passed cannot thereafter proceed until staff is returned, and conductor will personally surrender all clearances to operator.

F. Staff will not be delivered to trains which have no engines to return from Summit. When there is no helper to return from Summit, ''Staff at Tehachapi'' clearance will be delivered (except to first class trains) provided the operator has staff in his possession.

G. On return to Tehachapi, engineer with staff will personally deliver it to operator without delay.

Trains moving on staff between Summit and Tehachapi will register at Tehachapi in following manner:

In first column: Staff.
Second column: Signals (None) and balance of information as required by register.
In registering out register on separate line in the usual manner.

RATING OF LOCOMOTIVES--SAN JOAQUIN DIVISION In Ms. of 1000 pounds back of tender

CLASS	ENGINE NUMBER	Boiler Pressure	Bakersfield and Fresno, Bakersfield and Kerman, via Armona			Bakersfield to Mojave	Mojave to Bakersfield	Mojave to Saugus	Saugus to Mojave
			THROUGH East and West	LOCAL East	LOCAL West				
A—$79\frac{15\text{-}25}{28}$ 102	3016 to 3024	200	3470	3910	4130				
E—$63\frac{17}{24}$ 47	1353	140	1805	2040	2160				
E—$63\frac{17}{24}$ 52	1326, 1327	140	1980	2210	2385				
E—$69\frac{18}{24}$ 69	1387, 1392, 1396, 1401	165	2380	2675	2825				
E—$69\frac{18}{26}$ 74	1464, 1465, 1466, 1469	165	2615	2820	2960				
E—$73\frac{20}{24}$ 89	1433, 1434	190	3335	3740	3950				
E—$73\frac{20}{24}$ 92	1450, 1452	190	3340	3715	3925				
E—$73\frac{20}{26}$ 100	1531 to 1535	200	3630	3920	4080				
T—$57\frac{18}{24}$ 76	2094	150	2630	2950	3115				
T—$57\frac{18}{24}$ 80	2040, 2073	165	2920	3285	3435				
T—$57\frac{18}{24}$ 86	2153	160	2805	3155	3340				
T—$57\frac{18}{24}$ 92	2170, 2172	170	3020	3390	3580				
T—$57\frac{18}{24}$ 96	2155, 2175	170	3020	3390	3580				
T—$63\frac{19}{24}$ 105	2228, 2229, 2231	160	3240	3645	3850				
T—$63\frac{20}{26}$ 112	2235 to 2265	180	3865	4325	4565	575	665	740	665
T—$63\frac{21}{28}$ 144	2303, 2309, 2310	200	5010	5615	5905	755	880	970	880
T—$63\frac{22}{28}$ 160 T—$63\frac{22}{28}$ 162s	2312 to 2352 2353 to 2362	200				815	955	1055	955
T—$69\frac{20}{26}$ 113	2212, 2214	180	3560	4005	4155	575	665	740	665
T—$69\frac{20}{26}$ 124	2282	180	3650	4005	4155	575	665	740	665
M—$63\frac{20}{28}$ 126	1615 to 1719	190	4315	4845	5065	660	765	845	765
M—$63\frac{21}{28}$ 144	1725 to 1769, 1780 to 1803	200	5010	5615	5905	755	880	970	880
M—$63\frac{21}{28}$ 147	1809, 1811	200	5010	5615	5905	755	880	970	880
Mk—$63\frac{26}{28}$ 210s	3236 to 3270	200				1165	1355	1500	1355
TW—$51\frac{20}{26}$ 111 TW—$51\frac{20}{26}$ 120	2957 2938, 2939, 2941, 2942	160 170	4095	4600	4760				
TW—$55\frac{21}{32}$ 155	2918, 2921, 2922	170	5125	5760	6075	790	915	1010	915
TW—$55\frac{23\text{-}35}{32}$ 155	2914 to 2917, 2919, 2923	180	5125	5760	6075	790	915	1010	915
C—$57\frac{22}{34}$ 172	2600, 2601, 2602, 2610	175				830	1000	1100	1000
C—$57\frac{22}{34}$ 176	2613, 2617, 2620	185				900	1050	1160	1050
C—$57\frac{23\text{-}35}{34}$ 173	2603 to 2609, 2611	200				845	985	1085	985
C—$57\frac{23\text{-}35}{34}$ 177	2612, 2616, 2618, 2619	200				845	985	1085	985
C—$57\frac{22}{30}$ 180	2633 to 2693	200	6000	6740	7110	940	1090	1195	1090
C—$57\frac{22}{30}$ 184	2701 to 2746, 2750	200	6000	6720	7090	940	1070	1175	1070
C—$57\frac{22}{30}$ 187	2513 to 2599, 2767 to 2790, 2800 to 2836	200	6000	6720	7090	940	1070	1175	1070
MC—$57\frac{26\text{-}40}{30}$ 401s 395s	4029 to 4043 4044 to 4048	200				2170	2500	2750	2500
MM—$63\frac{25\text{-}38}{28}$ 320	4200 to 4211	200				1620	2070	1870	2070
ALLOWANCE FOR EMPTY AND UNDER-LOADED CARS—MS	Less than 40 Ms. 40 to 50 Ms. More than 50 Ms.		6 3 0	6 3 0	6 3 0	3 0 0	3 0 0	3 0 0	3 0 0

D. S. WEIR........................Fresno
J. C. MUIR.....................Bakersfield
Trainmasters.

F. N. McPHEE,
Chief Dispatcher.

R. E. BEACH,
Night Chief Dispatcher.

Dispatchers.
E. F. Wasem.
C. M. Coonrod.
L. J. Baker.
J. J. Duggan.
C. H. Nichols.
J. S. Fockler.
Wm. Upton.
F. B. Warner.
R. M. McLeod.
W. W. Burns.
E. M. Shaler.

F. M. WORTHINGTON, Superintendent.

J. H. DODDS, Asst. Superintendent.

MILEAGE.

Main Lines.

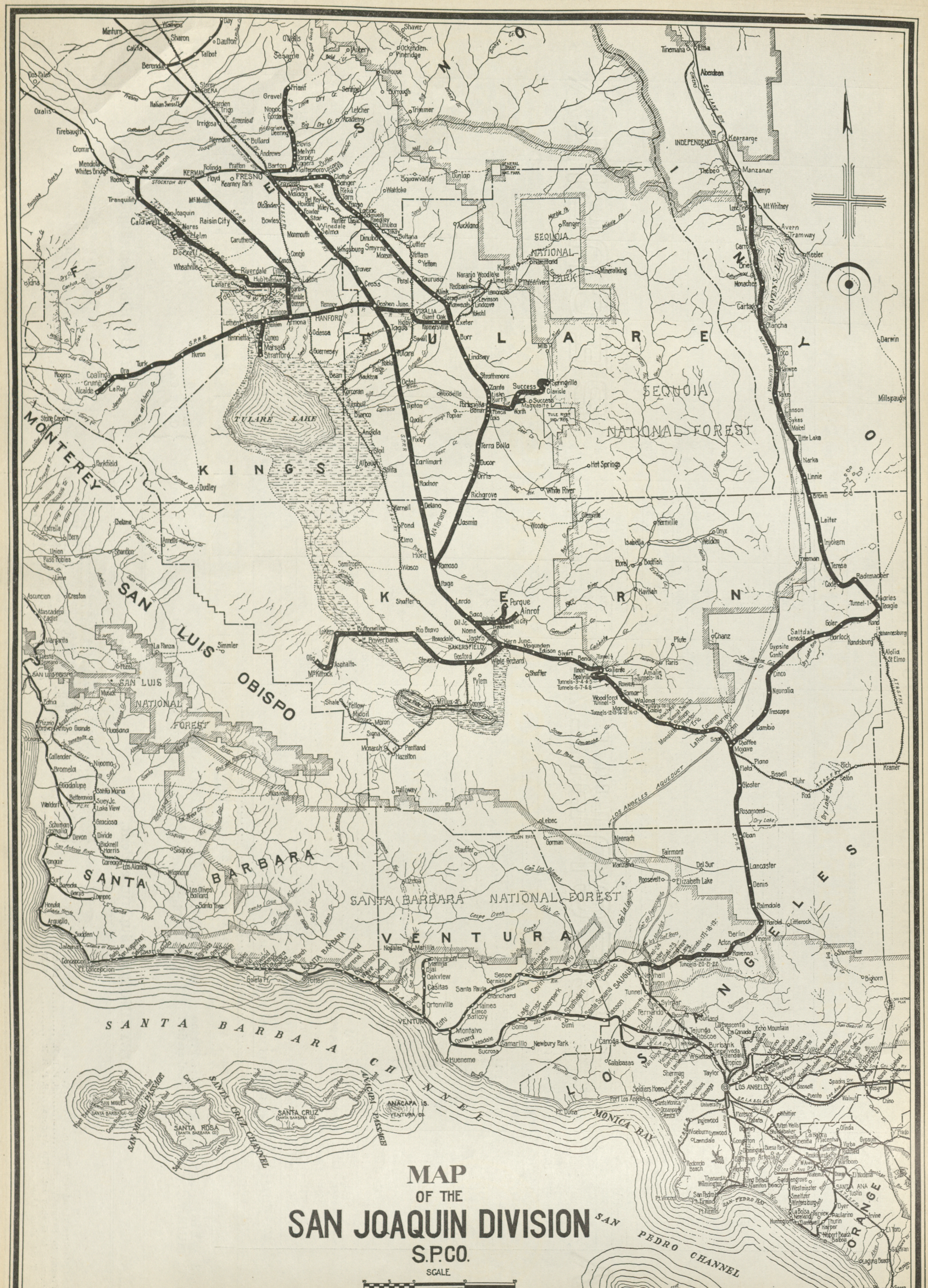
End Stockton Division to Fresno	C. P. Ry	1.80	
Fresno to Saugus	S. P. R. R.	244.63	
Kerman to Goshen Jct...Via Armona	S. P. R. R.	51.37	
Total Main Line			297.08

Branches

Alcalde	S. P. R. R.	Armona to Alcalde	44.32
Asphalto	S. P. R. R.	Bakersfield to Olig	50.60
Clovis	S. P. R. R.	Fresno to Friant	24.14
Fresno	S. P. R. R.	Fresno to Famosa	102.61
Magnesite	S. P. R. R.	Magnesite Jct. to Magnesite	2.44
Oil City	S. P. R. R.	Oil Jct to Ainrof 6.21 Treadwell to Porque 2.40	8.61
Owenyo	C. P. Ry	Mojave to Owenyo	142.90
Riverdale	S. P. R. R.	Hardwick to Ingle	42.43
Springville	S. P. R. R.	Porterville to Springville	15.86
Stratford	S. P. R. R.	Rossi to Stratford	8.26
Visalia	S. P. R. R.	Goshen Jct. to Exeter	16.76

Total Branches........................ 458.39

Total San Joaquin Division........................ 756.19



FRESNO
MADERA
KERMAN
VISALIA
HANFORD
TULARE
BAKERSFIELD
LOS ANGELES
SANTA BARBARA
VENTURA
SAN LUIS OBISPO
INDEPENDENCE
KINGS
TULARE
KERN
INYO
MONTEREY
SAN LUIS OBISPO
SANTA BARBARA
VENTURA
LOS ANGELES
ORANGE
TULARE LAKE
OWENS LAKE
SEQUOIA NATIONAL PARK
GENERAL GRANT NAT. PARK
SEQUOIA NATIONAL FOREST
SAN LUIS NATIONAL FOREST
SANTA BARBARA NATIONAL FOREST
LOS ANGELES AQUEDUCT
SANTA BARBARA CHANNEL
SANTA CRUZ CHANNEL
SAN MIGUEL PASSAGE
ANACAPA PASSAGE
SAN PEDRO CHANNEL
SANTA MONICA BAY
SAN PEDRO BAY
SAN MIGUEL
SANTA ROSA
SANTA CRUZ (SANTA BARBARA CO.)
ANACAPA IS. VENTURA CO.
STA CATALINA
STOCKTON DIV
S.P.R.R.
A.T.&S.F. RY
NEVADA & CALIFORNIA RY
Coalinga
Lemoore
Goshen Junc.
Porterville
Delano
Kern Junc.
Mojave
Lancaster
Palmdale
Saugus
Newhall
Oxnard
Hueneme
Santa Paula
Burbank
Glendale
Long Beach
San Pedro
Santa Ana
Pasadena
Paso Robles
Santa Maria
Lompoc
Goleta Pt.
Pt. Concepcion
Keeler
Lone Pine
Manzanar
Tunnels-10-11-12-13-14-15-16-17
Tunnels-17-18-19
Tunnels-20-21-22
SCALE
G.B.S.

MAP
OF THE
SAN JOAQUIN DIVISION
S.P.CO.

SCALE

SEPT- 1911
Rev.-MAY-1914
" June 30-1914